

THE BERGER MFG. CO.

CATALOG NUMBER TEN

• SHEET •
• METAL •
PRODUCTS

THE BERGER MFG. CO.

S. E. Cor. 22nd St. & 11th Ave.,

NEW YORK, N. Y.



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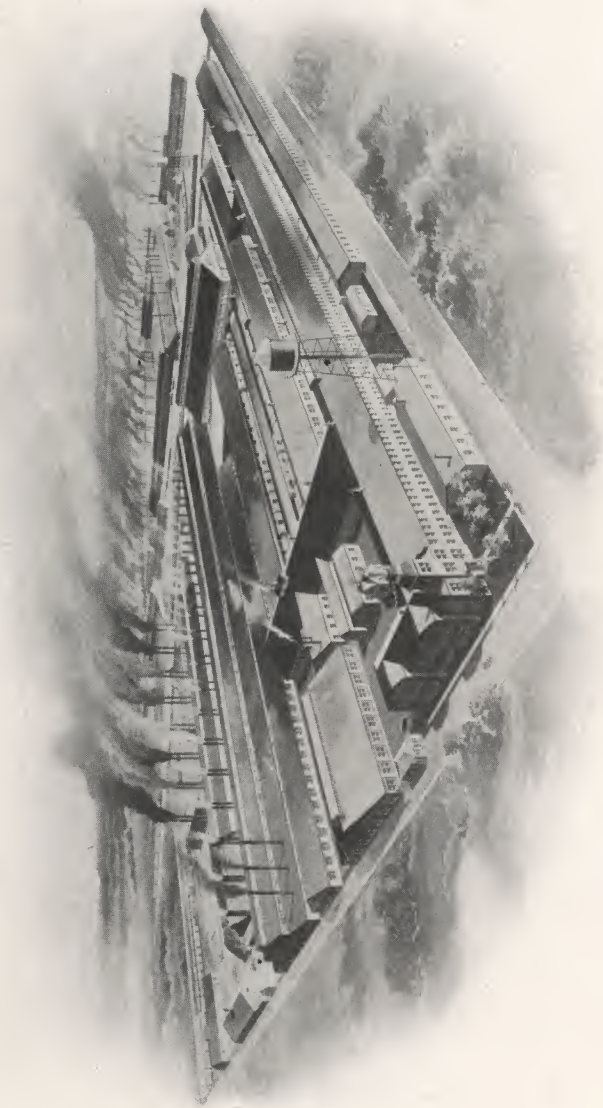
Main Office and Works,
Canton, Ohio

The Largest Sheet Metal Works



Branches

New York	-	-	-	-	-	Philadelphia
Boston	-	-	-	-	-	St. Louis
Minneapolis	-	-	-	-	-	San Francisco



Plant and General Offices of
The Berger Manufacturing Company
The Largest Sheet Metal Plant in the World
Canton, Ohio



FOREWORD

The advancement in the manufacture of material which enters into the modern building has become so well known as to no longer incite unusual comment.

The art of the metal worker has been adapted to the new opportunities afforded by this advancement. Progress in the development of steel and iron products, covering a wide range of usefulness is unprecedented and of the finished materials this appropriately applies to flat sheets and the formed products made from sheets.

The products illustrated and described in this catalogue have become imperative to meet the needs in the varied types of building construction.

The excellence of the firm's early productions opened the way for new and essential formations of sheet metal which have been added to the line from time to time.

The exceptional facilities afforded by the operation of our own steel plant, rolling mills, galvanizing plant and factories enable us not only to control the quality in every progressive stage "from the ore to the finished product," but to effect economy in the cost of production, which our customers share in the prices quoted.

THE BERGER MANUFACTURING COMPANY,
Canton, Ohio.



Open Hearth Steel Products

The manufacture of steel by the Bessemer and Open Hearth processes has given volume to the sheet metal industry by producing a material of superior working quality that renders service at a moderate cost. The sheet metal produced by these processes is the result of years of laboratory research and has met with favor because of the lower cost of production and increased adaptability for manufactured products.

The development from the old, slow processes which were expensive and impractical to the Bessemer and Open Hearth products has created new fields for sheet material made from an iron ore base.

In the sheet metal industry, Open Hearth quality dominates today just as the Bessemer product superseded the common sheet iron a decade ago. In the Open Hearth process it is possible to control and reduce the sulphur, phosphorus, manganese and carbon contents to the desired point for sheet metal efficiency and this has caused the trade to demand Open Hearth products.

The Open Hearth process presents unlimited possibilities in the making of high-grade sheet material because of the ease and accuracy of controlling the chemical and physical properties during the process of manufacture so that the desired results can be obtained for different products or uses.

The three main considerations in the production of modern sheet metal are volume, economy and satisfactory quality. These are possible in the Open Hearth process and one of the advantages it affords is the fact that the so-called slag and metal are reduced to a fluid condition in the furnace and the slag being lighter separates from the metal and provides the splendid Open Hearth quality.

The Berger sheet metal products are the result of a quarter century of laboratory and factory practice and actual service. The trade is assured of good value and satisfactory goods when specifying our materials.

The increased demand for sheet metal for building and manufactured products has compelled the adoption of Open Hearth steel which fills the ordinary requirements at a cost that is not prohibitive. By operating our own steel plant, rolling mills, galvanizing plant and factories we are in position to produce standard sheet metal goods from Open Hearth Steel which meet the popular demand and please the trade.



An Explanation of


Experiments for the U. S. Department of Agriculture have shown that "The corrosion of metals is more or less due to electro-chemical action." This has suggested new remedies for rust and corrosion.

On examining Iron and Steel used for exposed work it is found that the disintegration or decay takes place in two ways: the one is called Corrosion or Pitting, the other Rust.

Corrosion, sometimes termed pitting, is caused by an acid or saline solution (moist atmosphere), that serves as a conductor for electricity. The impurities in the Iron and Steel act as minute electric batteries, and if these impurities are not evenly distributed throughout the metal, electric currents cause it to corrode at the points of segregation.

These minute batteries take particles of the Iron from where it is needed (positive pole) and pile it up at another point (negative pole) where it is useless. This action is called Electrolysis (to loosen or separate by electricity) or auto-electrolysis, to distinguish it from electrolysis caused by escaped electric currents and occurs because of the amount of impurities, and their uneven distribution throughout the metal. Electrolysis which causes corrosion, can be avoided by the proper chemical ingredients distributed evenly throughout the metal, and subjected to certain heat treatment.


Rust is a reddish, yellow coating (ferrio oxide or hydroxide), which forms evenly over the entire exposed surface of Iron and Steel. Electrolysis may be present in a very mild form, but rust in a measure serves as a protection or preservative, while intense electrolysis as in corrosion soon destroys the metal at the weak points, leaving it full of pits or holes.

 resists corrosion because of its structure and process of manufacture. To prevent corrosion, homogeneity, purity, density and proper heat treatment are necessary, and all four are practically of equal importance in producing the desired results.

Homogeneity means a uniform distribution of the elements throughout the material. A segregation or bunching of certain elements such as carbon, manganese and sulphur, causes electro-chemical action. Very small quantities of these elements, called impurities, change the chemical composition of the material, therefore, make it difficult to secure a homogeneous metal.

The preservation of Iron or Steel varies directly with the rust-resisting properties of the material, and the only way to accomplish this is to improve the metallurgical processes with the view of securing a homogeneous metal of great density and corrosion-resisting qualities.

Iron and Steel products are preserved somewhat by coatings, such as galvanizing, painting, etc., but unless the chemical structure of the base material is properly controlled and distributed to avoid electrolysis, corrosion soon begins.

 has stood the service tests, and the results show that it possesses the rust and corrosion-resisting properties of old-time Irons with the excellent working qualities of modern Steel.



Material and Workmanship

There is a difference in the value of sheet metal products, comparing high commercial quality with that of less worth. The difference may be in the quality of material or the workmanship, or both.

It is not a good investment to erect the superstructure upon a poorly constructed foundation. Neither is it good business policy to pay money for labor employed to work up poor material.

Berger's products are used at home and in foreign countries, because of the reputation the firm has achieved for quality by employing material of recognized worth and the class of workmanship which merits the recognition and consideration of the discriminating buyer.

As manufacturers and sellers, we solicit the opportunity of rendering complete service in connection with inquiries knowing that we are able to offer to the buyer a proposition which will give full value for the money invested.

Sheet Metal Opportunities

In every city, village and hamlet there are new buildings erected and old ones repaired, and almost every one offers an opportunity for the use of sheet metal in some form, either for interior construction or finish, or for exterior trimming.

Different classes and constructions of temporary and permanent buildings offer a varied range for the application of sheet metal in some form, either for decorating purposes or as a fire retardant material as a substitute for wood or other material.

The day of sheet metal in building construction is just dawning. New fields are opening and on every hand additional opportunities are open to the craftsman to extend his business and broaden his scope of usefulness in the community by acquiring a full knowledge of the sheet metal building products presented in this catalogue.



Terms

Net cash in 60 days, or 2% discount if paid within 10 days from date of invoice. No goods sold on consignment. Acknowledgments of orders are always sent and should be carefully checked by the customer to insure correct entering.

Buyers desiring credit must have good commercial rating or furnish reference from whom satisfactory information can be secured before shipment will be made; otherwise we shall expect part payment in advance with instructions to ship goods to our order and send bill of lading attached to sight draft for the balance of invoice, less 2% cash discount.

Bills not paid when due are subject to sight draft with exchange and cost of collection, without further notice, although we prefer that customers remit when due.

Remittances should be made by New York Exchange or its equivalent, Express or Post Office Money Order, or Postal note. If personal check is sent, exchange must be added.

Claims for Shortages or Errors

Claims for errors must be made on receipt of shipment and before material has been used. Before accepting material from the railroad company be sure you receive the number of packages called for on bill of lading sent you with invoice, and if there is a shortage have freight agent make notation on freight receipt which you sign to indicate number of packages short. Before accepting goods see that material is in good condition, otherwise have notation made on freight receipt to show damaged condition of material or condition of packages when delivered to you. This is necessary to protect the buyer as well as to protect ourselves.

When a difference between the buyers and sellers weight is found, the 1% recognized variation between weighings of different sets of scales shall be considered, and this 1% always reverts in favor of the seller. Where the difference in weight exceeds 1% the basis of settlement shall be computed on the figured standard theoretical weight with a variation of $2\frac{1}{2}\%$ lee-way, light or heavy for the rolling of sheets plus the 1% recognized variation in scales.

Black Sheets



or Open Hearth Steel



Finishes: One Pass Cold Rolled and Annealed,
Two Pass Cold Rolled and Annealed,
Three Pass Cold Rolled and Annealed,
Blued Stove Pipe,
Blue Annealed Sheets.

Blued Stove Pipe Sheets

Berger's Blued Sheets have the finish and working quality that meet the demand for high grade stove and stove pipe work.

Galvanized Sheets

Galvanized



or Open Hearth Steel



Extra Soft Galvanized Sheets for purposes requiring extreme softness and ductility.

This product is given special attention through every process and as a result our special analysis extra soft Galvanized Sheets are unequalled for such work as Metal Window Frames and Sash, Conductor Pipe and Eaves Trough and all formations requiring high grade sheets.

Our regular stock is unequalled for appearance, being coated with a fine bright spangle, making it a favorite for fine work such as refrigerator construction or any line where exceptional appearance is desirable.

For years we have furnished the most exacting and particular users, special analysis, re-annealed and tight-coated sheets for work requiring unusual ductility and tenacious coating.



Standard Weights and Thickness of Sheets

Gauge	Black Thickness Fractions of Inch	Black Thickness Decimal Parts of Inch	Black Weight Per Square Foot in Pounds	Galvanized Weight Per Square Foot in Pounds	Galvanized Weight Per Square Foot in Ounces
7	3-16	.1875	7.5	7.656	
8	11-64	.171875	6.875	7.031	
9	5-32	.15625	6.25	6.406	
10	9-64	.140625	5.625	5.781	92 1/2
11	1-8	.125	5	5.156	82 1/2
12	7-64	.109375	4.375	4.531	72 1/2
13	3-32	.09375	3.75	3.906	62 1/2
14	5-64	.078125	3.125	3.281	52 1/2
15	9-128	.0703125	2.8125	2.9685	47 1/2
16	1-16	.0625	2.5	2.656	42 1/2
17	9-160	.05625	2.25	2.406	38 1/2
18	1-20	.05	2	2.156	34 1/2
19	7-160	.04375	1.75	1.906	30 1/2
20	3-80	.0375	1.50	1.656	26 1/2
21	11-320	.034375	1.375	1.531	24 1/2
22	1-32	.03125	1.25	1.406	22 1/2
23	9-320	.028125	1.125	1.281	20 1/2
24	1-40	.025	1	1.156	18 1/2
25	7-320	.021875	.875	1.031	16 1/2
26	3-160	.01875	.75	.906	14 1/2
27	11-640	.0171875	.6875	.8435	13 1/2
28	1-64	.015625	.625	.781	12 1/2
29	9-640	.0140625	.5625	.7185	11 1/2
30	1-80	.0125	.5	.656	10 1/2

Black Sheets, Standard Sizes. Weights Without Bands

GAUGES	14			16			18			20			22		
SIZE OF SHEET	Wt. per Sheet	Wt. per Bdl	Shts per Bdl	Wt. per Sheet	Wt. per Bdl	Shts per Bdl	Wt. per Sheet	Wt. per Bdl	Shts per Bdl	Wt. per Sheet	Wt. per Bdl	Shts per Bdl	Wt. per Sheet	Wt. per Bdl	Shts per Bdl
24 x 72	37.5	150	4	30.0	150	5	24.0	144	6	18.0	144	8	15.0	150	10
26 x 72	40.63	162	4	32.4	162	5	26.0	156	6	19.5	156	8	16.3	146	9
28 x 72	43.8	181	3	35.0	140	4	28.0	140	5	21.9	147	7	17.5	140	8
30 x 72	46.9	141	3	37.5	150	4	30.0	150	5	22.5	157	7	18.8	150	8
36 x 72	56.2	169	3	45.0	135	3	36.0	144	4	27.0	135	5	22.5	157	7
24 x 84	43.8	131	3	35.0	140	4	28.0	140	5	21.0	147	7	17.5	140	8
26 x 84	47.4	142	3	38.0	152	4	30.3	152	5	22.8	159	7	19.0	152	8
28 x 84	51.0	153	3	40.8	163	4	32.7	163	5	24.5	147	6	20.4	143	7
30 x 84	54.7	164	3	43.8	131	3	35.0	140	4	26.3	157	6	21.3	153	7
36 x 84	65.6	131	2	52.5	157	3	42.0	168	4	31.5	157	5	26.3	157	6
24 x 96	50.0	150	3	40.0	160	4	32.0	160	5	24.0	144	6	20.0	140	7
26 x 96	54.2	162	3	43.3	130	3	34.7	139	4	26.0	156	6	21.7	152	7
28 x 96	58.3	175	3	46.7	140	3	37.3	149	4	28.0	140	5	23.3	140	6
30 x 96	62.5	125	2	50.0	150	3	40.0	160	4	30.0	150	5	25.0	150	6
36 x 96	75.0	150	2	60.0	120	2	48.0	144	3	36.0	144	4	30.0	150	5
24 x 120	62.5	125	2	50.0	150	3	40.0	160	4	30.0	150	5	25.0	150	6
26 x 120	67.7	135	2	54.2	162	3	43.3	130	3	32.5	162	5	27.1	162	6
28 x 120	73.0	146	2	58.0	175	3	46.7	140	3	35.0	140	4	29.2	146	5
30 x 120	78.0	156	2	62.5	125	2	50.0	150	3	37.5	150	4	31.3	156	5
36 x 120	93.8	187	2	75.0	150	2	60.0	120	2	45.0	135	3	37.5	150	4
GAUGES	24			26			27			28			30		
SIZE OF SHEET	Wt. per Sheet	Wt. per Bdl	Shts per Bdl	Wt. per Sheet	Wt. per Bdl	Shts per Bdl	Wt. per Sheet	Wt. per Bdl	Shts per Bdl	Wt. per Sheet	Wt. per Bdl	Shts per Bdl	Wt. per Sheet	Wt. per Bdl	Shts per Bdl
24 x 72	12.0	144	12	9.0	144	16	8.3	148	18	7.5	150	20	6.0	150	25
26 x 72	13.0	143	11	9.8	146	15	8.9	143	16	8.1	146	18	5.5	149	23
28 x 72	14.0	154	11	10.5	147	14	9.6	154	16	9.8	149	17	7.0	147	21
30 x 72	15.0	150	10	11.3	146	13	10.3	144	14	9.4	150	16	7.5	150	20
36 x 72	18.0	144	8	13.5	148	11	12.4	148	12	11.3	146	13	9.0	144	16
24 x 84	14.0	154	11	10.5	147	14	9.7	144	15	8.8	149	17	7.0	147	21
26 x 84	15.2	152	10	11.4	148	13	10.4	146	14	9.5	152	16	7.6	144	19
28 x 84	16.3	147	9	12.3	147	12	11.2	146	13	10.2	143	14	8.2	155	19
30 x 84	17.5	140	8	13.1	144	11	12.0	144	12	10.9	153	14	8.8	149	17
36 x 84	21.0	147	7	15.8	142	9	14.4	144	10	13.1	144	11	10.5	147	14
24 x 96	16.0	144	9	12.0	144	12	11.0	143	13	10.0	150	15	8.0	144	18
26 x 96	17.3	156	9	13.0	143	11	11.9	143	12	10.8	152	14	8.7	147	17
28 x 96	18.7	149	8	14.0	154	11	12.9	154	12	11.7	152	13	9.3	149	16
30 x 96	20.0	140	7	15.0	150	10	13.8	151	11	12.5	150	12	10.0	150	15
36 x 96	24.0	144	6	18.0	144	8	16.5	148	9	15.0	150	10	12.0	144	12
24 x 101	16.8	151	9	12.6	151	12	11.5	139	12	10.5	147	14	.....	.....	.....
26 x 101	18.2	146	8	13.6	150	11	12.5	150	12	11.4	148	13	.....	.....	.....
28 x 101	19.6	157	8	14.7	147	10	13.5	148	11	12.2	147	12	.....	.....	.....
30 x 101	21.0	147	7	15.7	142	9	14.4	145	10	13.1	145	11	.....	.....	.....
36 x 101	25.2	151	6	18.9	151	8	17.3	156	9	15.7	142	9	.....	.....	.....
24 x 120	20.0	140	7	15.0	150	10	13.8	151	11	12.5	150	12	10.0	150	15
26 x 120	21.7	152	7	16.3	146	9	14.9	149	10	13.6	149	11	10.9	152	14
28 x 120	23.3	140	6	17.5	140	8	16.0	144	9	14.6	146	10	11.7	163	14
30 x 120	25.0	150	6	18.8	150	8	17.2	155	9	15.7	156	10	12.5	150	12
36 x 120	30.0	150	5	22.5	157	7	20.6	165	8	18.8	150	8	15.0	150	10



Galvanized Sheets, Standard Sizes

Average Weight Per Sheet and Per Bundle in Pounds

GAUGES	12				14				16				18				20				22			
	Wt. per Sheet		Wt. per Bundle		Wt. per Sheet		Wt. per Bundle		Wt. per Sheet		Wt. per Bundle		Wt. per Sheet		Wt. per Bundle		Wt. per Sheet		Wt. per Bundle		Wt. per Sheet		Wt. per Bundle	
24 x 72	54	37	163	3	39.3	157	4	31.8	159	5	25.9	155	6	19.9	159	8	16.9	152	9					
26 x 72	58	91	177	3	42.6	171	4	34.5	188	4	28.0	140	5	21.5	151	7	18.3	146	9					
28 x 72	63	44	127	2	45.9	138	3	37.2	149	4	30.2	151	5	23.2	162	7	19.7	158	8					
30 x 72	67	97	136	2	49.2	148	3	39.8	159	4	32.3	162	5	24.8	149	6	21.1	148	7					
36 x 72	81	56	163	2	59.1	177	3	47.8	143	3	38.8	155	4	29.9	149	5	25.3	152	6					
24 x 84	63	44	127	2	45.9	138	3	37.2	149	4	30.2	151	5	23.2	162	7	19.7	158	8					
26 x 84	68	69	137	2	49.7	149	3	40.2	161	4	32.7	163	5	25.1	151	6	21.3	149	7					
28 x 84	74	00	148	2	53.5	161	3	43.4	174	4	35.2	141	4	27.1	135	5	23.0	161	7					
30 x 84	79	30	159	2	57.4	172	3	46.5	139	3	37.7	151	4	29.0	145	5	24.6	148	6					
36 x 84	95	16	190	2	68.9	138	2	55.8	167	3	45.3	136	3	34.8	139	4	29.5	148	5					
24 x 96	72	50	145	2	52.5	157	3	42.5	170	4	34.5	138	4	26.5	159	6	22.5	157	7					
26 x 96	78	53	157	2	56.8	171	3	46.0	138	3	37.4	149	4	28.7	143	5	24.4	146	6					
28 x 96	84	55	169	2	61.2	184	3	49.6	149	3	40.2	161	4	30.9	155	5	26.2	157	6					
30 x 96	90	62	181	2	65.6	131	2	53.1	159	3	43.1	172	4	33.1	166	5	28.1	141	5					
36 x 96	108	75	109	1	78.7	157	2	63.7	127	2	51.8	155	3	39.8	159	4	33.8	169	5					
24 x 120	90	62	181	2	65.6	131	2	53.1	159	3	43.1	129	3	33.1	166	5	28.1	141	5					
26 x 120	98	15	196	2	71.1	142	2	57.5	173	3	46.7	140	3	35.9	143	4	30.5	152	5					
28 x 120	105	71	211	2	76.5	153	2	62.0	186	3	50.3	151	3	38.6	155	4	32.8	164	5					
30 x 120	113	28	113	1	82.0	164	2	66.4	133	2	53.9	162	3	41.4	166	4	35.2	141	4					
36 x 120	135	94	136	1	98.4	197	2	79.7	159	2	64.7	129	2	49.7	149	3	42.2	169	4					
GAUGES	24				26				27				28				29				30			
	Wt. per Sheet		Wt. per Bundle		Wt. per Sheet		Wt. per Bundle		Wt. per Sheet		Wt. per Bundle		Wt. per Sheet		Wt. per Bundle		Wt. per Sheet		Wt. per Bundle		Wt. per Sheet		Wt. per Bundle	
24 x 72	13.9	153	11		10.9	152	14		10.1	152	15		9.4	150	16		8.62	147	17		7.9	150	19	
26 x 72	15.0	150	10		10.8	153	13		11.0	154	14		10.2	152	15		9.34	149	16		8.5	145	17	
28 x 72	16.2	146	9		12.7	152	12		11.8	154	13		10.9	153	14		10.06	151	15		9.2	147	16	
30 x 72	17.3	156	9		13.6	149	11		12.7	152	12		11.7	152	13		10.78	162	15		9.8	148	15	
36 x 72	20.8	146	7		16.3	147	9		15.2	152	10		14.1	155	11		12.94	155	12		11.8	154	13	
24 x 84	16.2	146	9		12.7	152	12		11.8	154	13		10.9	153	14		10.06	151	15		9.2	147	16	
26 x 84	17.5	140	8		13.7	151	11		12.8	153	12		11.8	154	13		10.90	153	14		10.0	149	15	
28 x 84	18.9	151	8		14.8	148	10		13.8	152	11		12.8	153	12		11.74	153	13		10.7	150	14	
30 x 84	20.2	142	7		15.9	159	10		14.8	148	10		13.7	150	11		12.58	151	12		11.5	149	13	
36 x 84	24.3	146	6		19.0	152	8		17.7	159	9		16.4	148	9		15.09	151	10		13.8	152	11	
24 x 96	18.5	148	8		14.5	145	10		13.5	148	11		12.5	150	12		11.50	149	13		10.5	157	15	
26 x 96	20.0	160	8		15.7	157	10		14.6	146	10		13.5	149	11		12.46	150	12		11.4	148	13	
28 x 96	21.6	151	7		16.9	152	9		15.7	157	10		14.6	146	10		13.41	148	11		12.3	147	12	
30 x 96	23.1	162	7		18.1	145	8		16.9	152	9		15.6	156	10		14.37	144	10		13.1	144	11	
36 x 96	27.8	166	6		21.8	152	7		20.3	162	8		18.8	150	8		17.25	155	9		15.8	157	10	
24 x 120	23.1	162	7		18.1	145	8		16.9	152	9		15.6	156	10		14.37	144	10		13.1	144	11	
26 x 120	25.0	150	6		19.6	157	8		18.3	146	8		16.9	152	9		15.57	156	10		14.2	156	11	
28 x 120	27.0	162	6		21.1	148	7		19.7	157	8		18.2	146	8		16.77	151	9		15.3	153	10	
30 x 120	28.9	145	5		22.7	159	7		21.1	148	7		19.5	156	8		17.97	162	9		16.4	148	9	
36 x 120	34.7	173	5		27.2	163	6		25.3	152	6		23.4	164	7		21.56	151	7		19.7	158	8	



Roofing, Siding, Ceiling and Building Specialties



The merits of Sheet Metal for building purposes are its cheapness and durability, ease of application, protection against fire, and the fact that there is no case on record where a building covered with steel or iron has been damaged by lightning. One of the strongest arguments that can be advanced in favor of Sheet Metal is its continued use and the large increase in demand during the past quarter of a century or more.

Sheet Metal products such as roofing, siding, ceiling and other forms—shown on the following pages—are logical substitutes for wood and other materials used both in the construction of temporary and permanent buildings.

Different classes and constructions of buildings offer a varied range for the application of sheet metal in some form, either for decorative purposes or as a fire-retardant material, as a substitute for wood or other material.

Your attention is invited to the following pages believing the information will serve to broaden your scope of work, resulting in an increase of business, both in volume and profit.



Adaptability of Sheet Metal Products

The Roof.—A good roof is a building's crown, and in a permanent building is only second in importance to a good foundation, as it is always on duty.

The Siding.—No less importance should be attached to the form and utility of the material for this purpose. Our variety of patterns is intended to meet the demands.

The Ceiling.—Sheet Metal in its simplest form, merely as a fire retardant, or in decorative patterns for artistic effect, has no substitute at equal cost, productive of the same results.

The Material.—Steel and iron sheets, and the products made from this material, are protected from rust by being painted, galvanized or similarly coated. The test of time has proven the value of galvanized sheets for roofing, siding and a variety of uses requiring sheet metal.

Compared with other materials. For roofing, wood shingles are made of such timber as cannot be used in more valuable building material. They are short lived and not fire retardant. In some localities fire laws prohibit the use of wood shingles.

Slate roofing requires a heavy, expensive structure to support the great weight. It breaks from freezing and thawing and from heat of adjacent fires.

Metal is fire retardant, economical, can be applied faster and on a less expensive surface.

Painting

Any steel or iron product will rust if not protected with paint; therefore, we recommend that roofing and siding be well coated with the best quality of paint, as soon as applied on the building. Another coat should be applied at intervals of three or four years, as may be found necessary.

If these instructions are followed, a metal roof under ordinary conditions should last a long time.



Rules of Measurement

All metal Roofing, Siding, Ceiling, etc., except Galvanized material, is painted both sides, unless otherwise ordered.

All metal Roofing, Siding and Ceiling, are sold by the square (100 square feet), except Corrugated, which is sold by the square or pound, as preferred.

A square consists of 100 square feet and is calculated by the following rules of measurement:

Corrugated Imitation Stone and Imitation Brick.—The full width and length of sheets, after being corrugated or formed, are calculated.

V Crimped, Beaded and Weather Board Siding.—The full length of sheets together with the actual covering width, is calculated.

Standing Seam Roofing.—The actual covering width and full length are calculated, whether the sheets are connected by end locks and shipped in rolls, or separate and shipped in crates.

Wide Gutters and Valleys.—The full width and length of material are calculated.

Nails, Wood Strips, Dry Paint and Ready Mixed Paints, are sold by the pound, gallon or square (the amount generally required in applying a square). They are not included in the price quoted on the Sheet Metal goods but are charged as separate items when furnished.

Roofs.—Measure the length of the roof, including the amount turned up or down at each end or gable, and multiply by the distance from eave to eave, including the material used in the ridge seam, and the material lapped either down or up at eaves.

Roofs with Hips, Valleys, Dormers, Etc.—Measure each section through the center horizontally and multiply by the length of the strip of metal at the center, and in addition to the actual surface of the roof, measure the length of hips and valleys by one foot wide. The extra measure of hips and valleys is to compensate for the extra labor and loss of material in cutting, fitting and laying same.

Openings.—Make no deductions for openings, chimneys, stacks, sky-light, dormer window or ventilator, unless such openings measure more than 50 sq. ft.; if more than 50 sq. ft. and not more than 100 sq. ft., deduct half the size of the opening; if more than 100 sq. ft., deduct the full size of opening.

The labor to flash pipes and round stacks, whether of brick or metal, is charged extra.

The reason for not deducting otherwise than as specified is, that the waste of material and extra work in cutting and fitting the material for flashing such openings, is equal to or greater than the value of the materials cut out.

Gutters and Valleys.—Multiply full length by full width of girt.

Siding.—Multiply full length of each section by the height. **Deductions.**—Make no deductions for any window, door or other opening, unless said opening measures more than 10 sq. ft.; if more than 10 sq. ft., and not more than 25 sq. ft., deduct one-half of such openings. If more than 25 sq. ft., deduct all such openings, except when the wood casings to the windows, doors and other openings are to be covered with iron or steel casings; in such instances no deductions for openings are to be made, whether the openings be more or less than 10 sq. ft.


Gables.—To estimate contents of gables, multiply the width by one-half the height, or multiply the height by one-half the width.

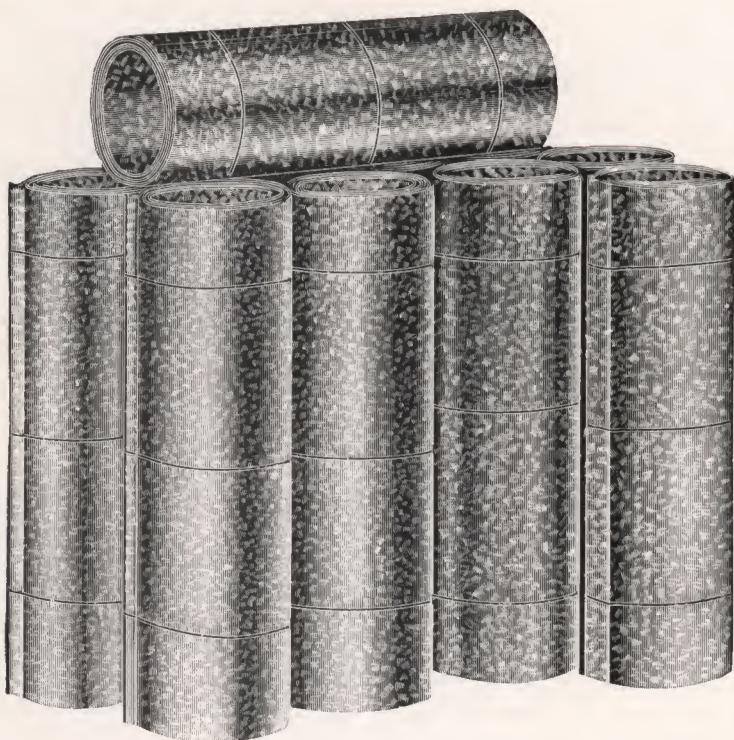
Corner Strips are charged extra by the lineal foot; the cornice is charged extra in all instances, as the price varies according to the girt of material used and style of the same.

Eaves Trough and Conductor Pipes.—Measure the entire length and add one foot extra for each Miter, Shoe or other angle.



Perfection Roll Roofing

For Standing Seam Construction.  or Open Hearth Steel—
Galvanized or Painted



Each roll is perfectly straight, being made from sheets having sides and ends re-squared.

Each sheet is galvanized or painted as ordered, after being re-squared.

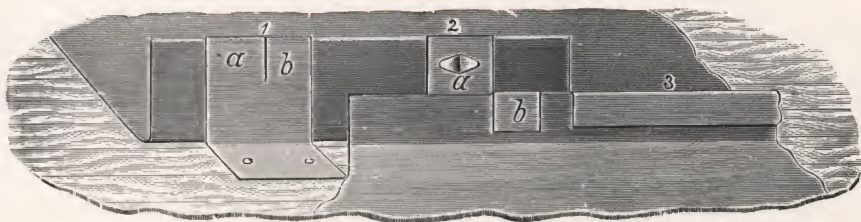
Cross seams are double locked and notched and a better roll roofing has not been constructed.

The End-lock is protected by a V wood strip. Each roll is 50 ft. long and with a covering width of 24 inches will lay 100 sq. ft. on the building.

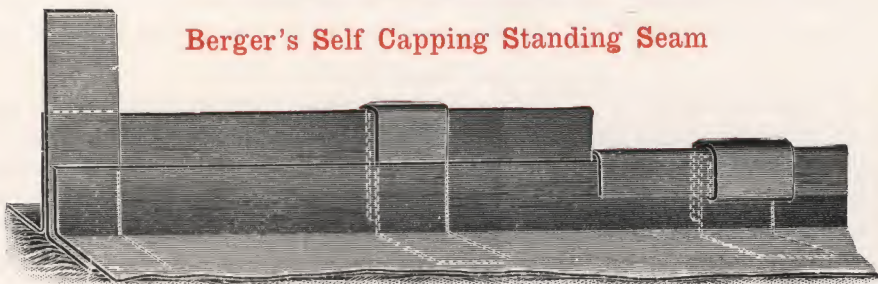
On the following page is illustrated the different Standing Seam Constructions which may be used at the pleasure of the buyer.



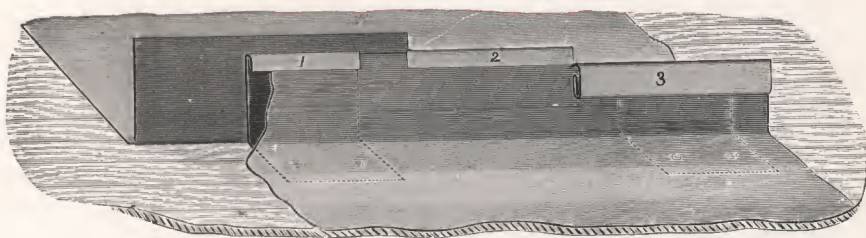
Berger's Simplified Standing Seam



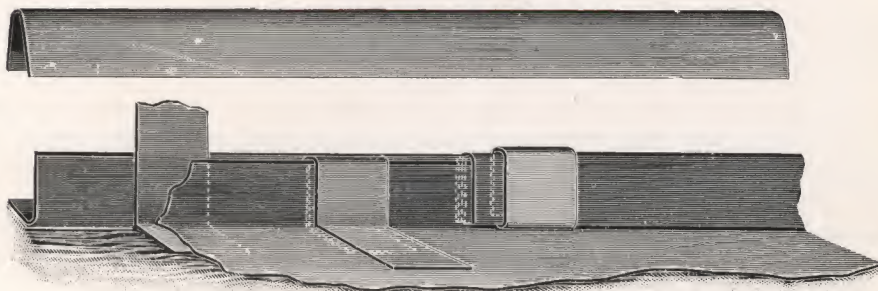
Berger's Self Capping Standing Seam



"Old Style" Double Seam



"Superior" Cap-Seam





Directions for Applying Self Capping

Unroll and cut off roofing the length of roof, allowing an inch for comb on one end and two inches on the opposite end for turning down at eaves. Turn the outside edge of the first strip you lay down over barge board one inch, and nail. Turn the inside edge up one inch, then anchor it by nailing the cleats about 14 inches apart.

Drive nails close to edge of roofing, as it holds more firmly. Turn up edge of the next strip $1\frac{3}{4}$ inches and lay it up close to the one-inch edge of the first strip, turn down over the one-inch edge, fold the end of the cleat back over the top of seam and make the latter tight with tongs.

The comb is made by flattening down the standing seam 6 to 8 inches from the comb, and then turning up the ends, on one side one inch and on the opposite side two inches. Anchor the one-inch side with cleats and turn the two-inch over the one-inch end. This makes a standing seam along the comb. If you use Ridge Roll, it is not necessary to allow the one inch and two inches on opposite sides of the comb. In this case finish the standing seams to the comb and nail the Ridge Roll over the comb.

Hips are made in the same way after cutting to the right angle.

Directions for Applying " Old Style " Double Seam Roofing

Unroll and cut off roofing the length desired, allowing one inch for the comb at one end, and $1\frac{1}{2}$ inch or 2 inches on the opposite end for turning down at eaves. Turn the outside or left-hand edge of first strip down over the barge board one inch and nail. Turn the inside or right-hand edge up $1\frac{1}{4}$ inch, then anchor it by nailing cleats about 12 to 14 inches apart.

Turn up the left-hand edge of next strip $1\frac{1}{2}$ inch, and lay it up close to the $1\frac{1}{4}$ -inch edge of first strip. (See Figure 1.) Then with $1\frac{1}{2}$ -inch seamer turn edge over the $1\frac{1}{4}$ -inch edge. (See Figure 2.)

Then with your one-inch seamer turn the seam as shown by Figure 3, using the foot treadle of seamer for clamping the double seam tight. The comb finish can be made with standing seam by malleting down the standing seam on roof about 6 inches from comb, and turning up the ends with the tongs and seaming as above noted for standing seam; or the comb can be finished with a ridge roll or V-angle ridge cap.



Roofing Tools

We do not ship Roofing Tools with the roofing unless they are ordered. When Roofing Tools are furnished a charge will be made and the same will be subject to sight draft at the expiration of 60 days unless definite arrangements are made to retain them for a longer period.

When tools are returned be sure to plainly mark by whom returned, also prepay freight charges to insure proper credit on your account.

List Prices

Berger's Patent Simplified Folded Lock Seam

1 Pair Seamers	\$10.00
1 Pair 1 Inch Steel Tongs	2.50
1 Pair 1 $\frac{3}{4}$ Inch Steel Tongs	2.50
1 Pair Cleat Tongs	3.00
1 Tool Chest	1.50
	<hr/>
	\$19.50

Self Capping Standing Seam

1 Pair Seamers	\$10.00
1 Pair 1 Inch Steel Tongs	2.50
1 Pair 1 $\frac{3}{4}$ Inch Steel Tongs	2.50
1 Tool Chest	1.50
	<hr/>
	\$16.50

"Old Style" Double Seam

1 Pair Double Seamers	\$10.00
1 Pair 1 Inch Steel Tongs	2.50
1 Pair 1 $\frac{3}{4}$ Inch Steel Tongs	2.50
1 Tool Chest	1.50
	<hr/>
	\$16.50

Superior Cap Seam

1 Edging Tong	\$0.75
1 Cap Seamer	1.00
	<hr/>
	\$1.75

When ordered we will furnish Roofing Shears at \$2.00; Roofing Hammer at 75c and Roofing Mallet at 25c each.

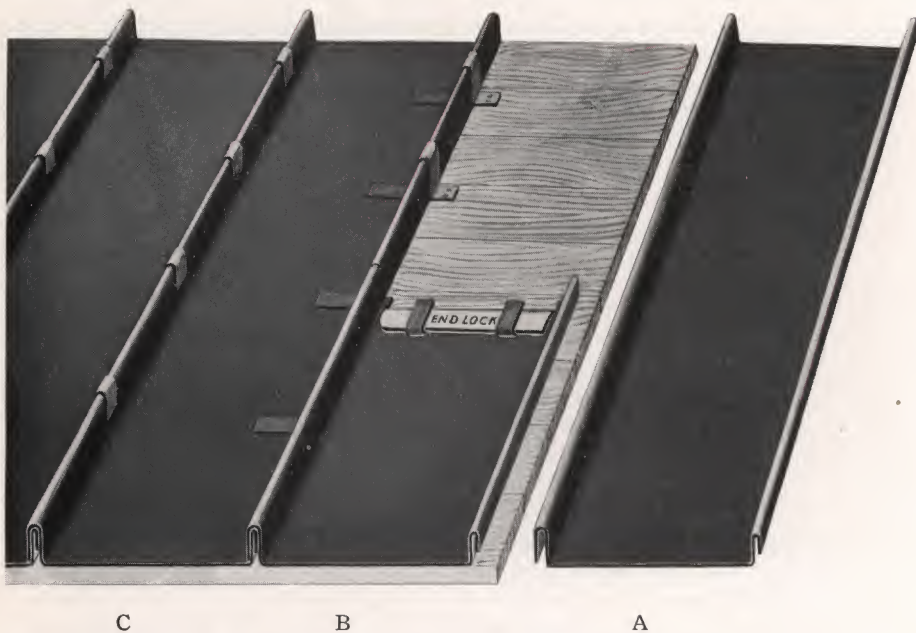
Every roofer should own tools with which to work. We will allow a liberal discount from above prices.



Pressed Standing Seam Roofing



or Open Hearth Steel—Galvanized or Painted



“A” represents sheet as shipped. The ends of sheets may be lapped 3 to 6 inches and nailed, but applied with end-locks is the best construction.

“B” explains method of application with cleats placed 12 to 14 inches apart.

“C” shows finished seams.

One square, 100 square feet, consists of $6\frac{1}{4}$ sheets 24 x 96, or equivalent (including cleats), and will lay one square less the lock or end laps.

Furnished in lengths of 5, 6, 7, 8, 9 and 10 feet, covering width 24 inches, and gauges 29, 28, 27, 26, 24, 22 and 20.

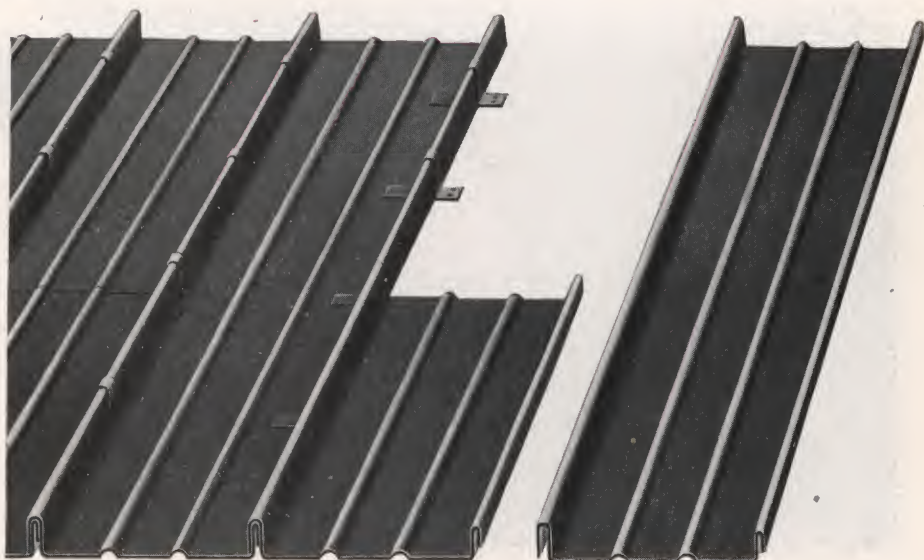
Tools: Cap Seamer, \$1.00. End-lock Former, \$0.75.



Beaded Pressed Standing Seam Roofing



or Open Hearth Steel—Galvanized or Painted



C

B

A

“ A ” represents sheet as shipped. The object of the beads is to stiffen the sheets and prevent rattling. The ends of sheets should be lapped 3 to 6 inches, according to the pitch of roof, and nailed.

“ B ” explains method of application, with cleats placed 12 to 14 inches apart.

“ C ” shows finished seams.

One square, 100 square feet, consists of $6\frac{1}{4}$ sheets 24 x 96 inches, or equivalent (including cleats) and will lay one square less the end laps.

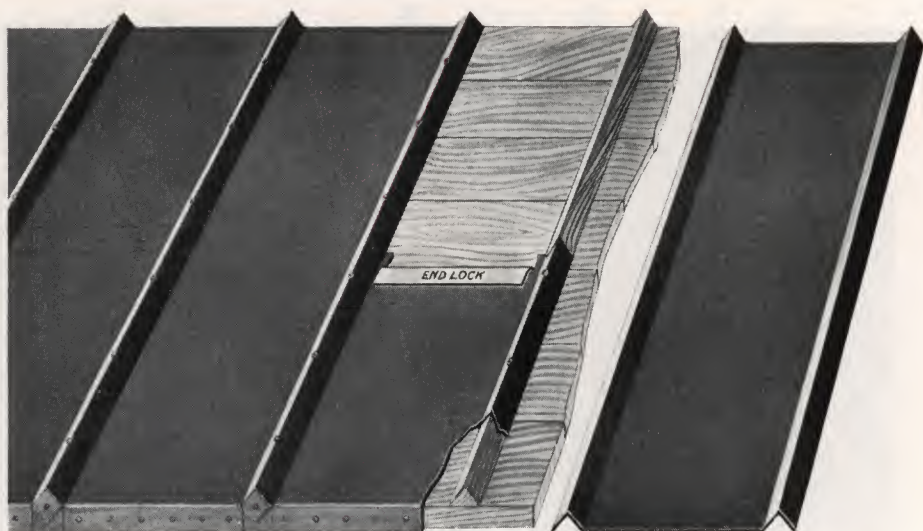
Furnished in lengths of 5, 6, 7, 8, 9 and 10 feet covering width 24 inches, and gauges 29, 28, 27, 26, 24, 22 and 20 and the price is 10 cents per square more than Pressed Standing Seam Roofing.

Tools: Cap Seamer, \$1.00.

Two V-Crimped Roofing



or Open Hearth Steel—Galvanized or Painted



C

B

A

“ A ” represents sheet as shipped. The ends of sheet may be lapped 3 to 6 inches according to pitch of roof and nailed, but applied with end-locks is the best construction.

“ B ” explains method of application with triangular wood strip under crimps, making a solid nailing joint. Requires 50 lineal feet of strips for one square of roofing, for which an extra charge is made.

“ C ” shows finished roof.

One square, 100 square feet, consists of $6\frac{1}{4}$ sheets 24 x 96 inches, or equivalent and will lay one square less the end locks or end laps.

Furnished in lengths of 5, 6, 7, 8, 9, 10, 11 or 12 feet, covering width 24 inches, and gauges 29, 28, 27, 26, 24, 22, 20, 18 and 16.

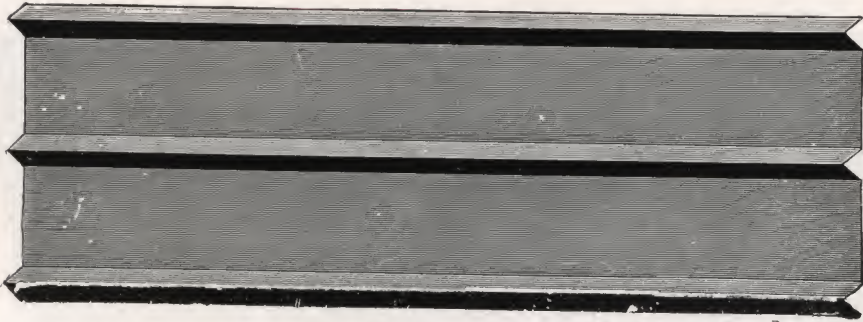
The simplest style and cheapest form is Two V-Crimped Roofing.



Three V-Crimped Roofing



or Open Hearth Steel—Galvanized or Painted



The object of the center crimp is to stiffen the sheet and prevent rattling, and make the roof more pleasing to the eye.

The application is the same as Two V-Crimped sheets, and it is optional whether a triangular wood strip is used under the center crimp.

Three V-Crimped sheets require for outside crimps only 50 lineal feet wood strips, and 100 feet are required if used under all crimps.

One square, 100 square feet, consists of $6\frac{1}{4}$ sheets 24 x 96 inches, or equivalent and will lay one square less the end locks or end laps.

Furnished in lengths of 5, 6, 7, 8, 9, 10, 11 and 12 feet, covering width 24 inches, and gauges 29, 28, 27, 26, 24, 22, 20, 18 and 16.



No. 957

Shows triangular wood strips used in connection with Two V-Crimped and Three V-Crimped roofing sheets.

Use $1\frac{3}{4}$ -inch Wire Nails, which will reach through the top of crimps into the sheathing or roof support.

A Ridge Roof may be finished by lapping end of sheets over the ridge, or by using our Ridge Capping.

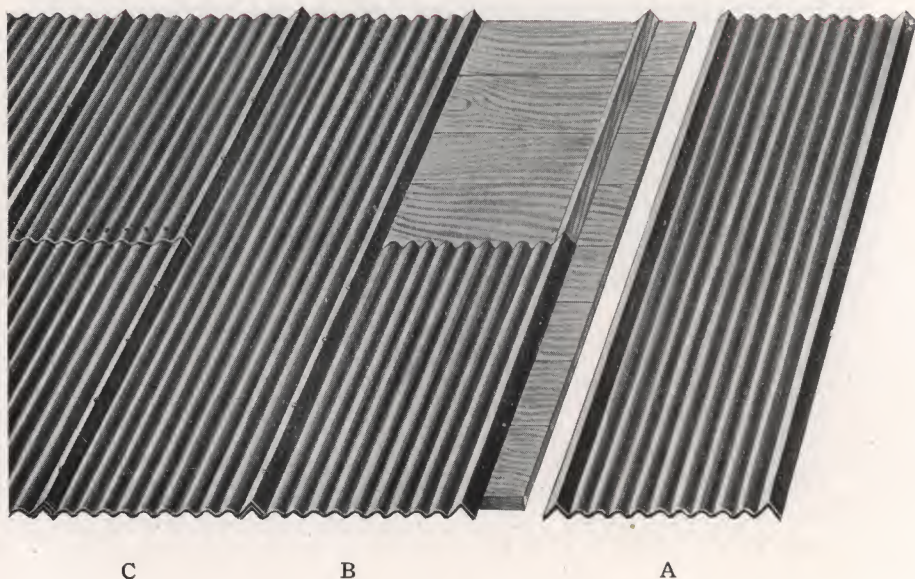
Tools: End-lock Former, \$0.75.



2½-Inch or 1¼-Inch Corrugated V-Crimped Roofing



or Open Hearth Steel—Galvanized or Painted



“A” represents sheets as shipped. The ends of sheets should be lapped 3 to 6 inches according to pitch of roof.

“B” explains method of application with triangular wood strips under the crimps, making a solid nailing joint. Requires 50 lineal feet of strips for one square of roofing for which an extra charge is made.

“C” shows finished roof.

Corrugated is one of the strongest known forms of sheet metal.

Crimped Edge 2½-inch Corrugated Roofing is a formation and application for which preference is given by many roofers.

One square, 100 square feet, consists of 6¼ sheets 24 x 96 inches or equivalent and will lay one square less the end lap.

Furnished in lengths of 5, 6, 7, 8, 9, 10, 11 and 12 feet covering width 24 inches and gauges 29, 28, 27, 26, 24, 22, 20, 18 and 16.

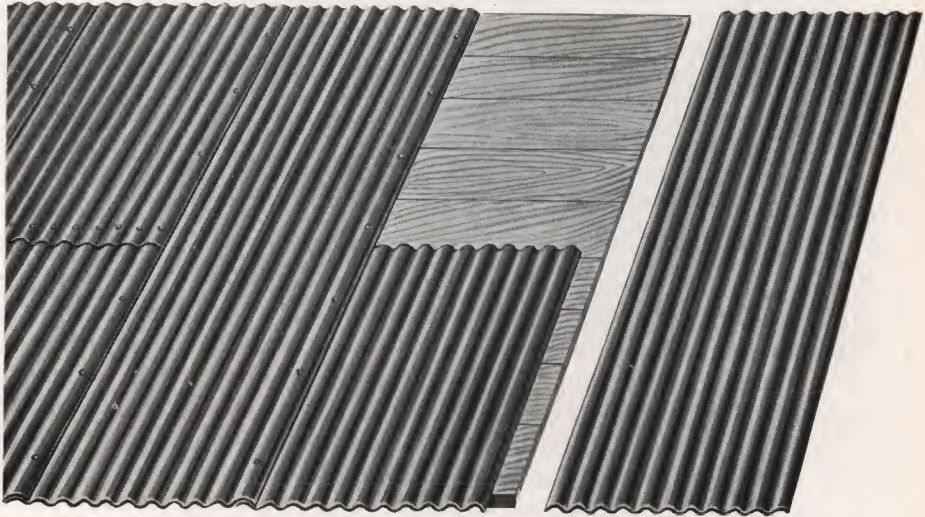


Corrugated Roofing and Siding



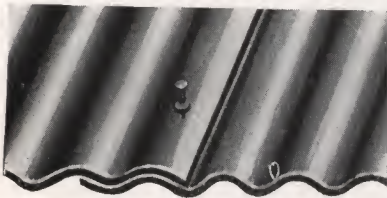
or Open Hearth Steel—Galvanized or Painted

Corrugated Sheets of the Standard 1¼, 2, 2½ and 3-inch corrugation are applied by lapping. For siding, one corrugation side lap is satisfactory. For roofing, it is essential to overcome capillary attraction. To accomplish this it is quite as satisfactory to lap one and one-half corrugations as to lap two corrugations and requires less material to cover 100 square feet of roof surface.

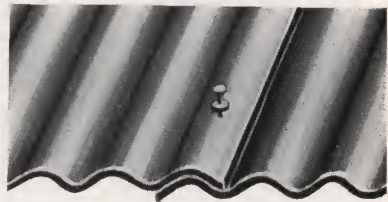


B

A



C



D

"A" represents sheet as shipped.

"B" shows sheets applied with one corrugation side lap.

"C" shows one and one-half corrugations side lap as recommended for roofing. Observe that the left edge curves upward to the center of the corrugation, and the right edge curves downward to the center of the corrugation. This is accomplished by inverting alternate sheets when using for roofing the standard 26 inches wide. We can also supply Corrugated Roofing sheets 27½ inches wide, made to provide one and one-half corrugations side lap.

"D" shows one corrugation side lap which is sufficient for siding.

Corrugated Sheets should have ends lapped three to six inches when applied for roofing, according to pitch of roof but for siding one to two inches is sufficient.



Corrugated Sheets



or Open Hearth Steel—Galvanized or Painted

We carry in stock 5, 6, 7, 8, 9, 10, 11 and 12 foot lengths, and of a width to lap one corrugation. In ordering specify length of sheets and whether painted or galvanized.

Five-Eighths Inch Corrugation



No. 958

Corrugation five-eighths of an inch from center to center, and three-sixteenths of an inch deep, made of No. 24 Gauge and lighter, full width 25½ inches. Used for ceilings, partitions; lining inside wooden frame work, etc.

One and One-Quarter Inch Corrugation



No. 959

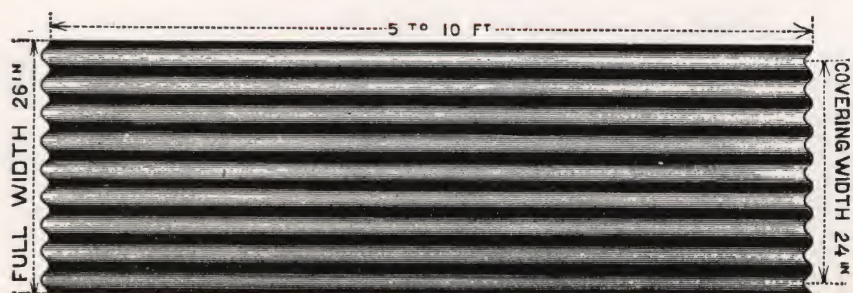
Corrugation one and one-quarter inches from center to center, and three-eighths of an inch deep, made of No. 22 gauge and lighter. Sheets when corrugated measure 25 inches wide, and will cover 24 inches from center to center of outside corrugations.

Our 1¼-inch corrugated sheets are used for all covering purposes.

See "How to Estimate," page 27. Be sure to provide for laps, as what we ship will be the amount figured according to the full width of the sheets.



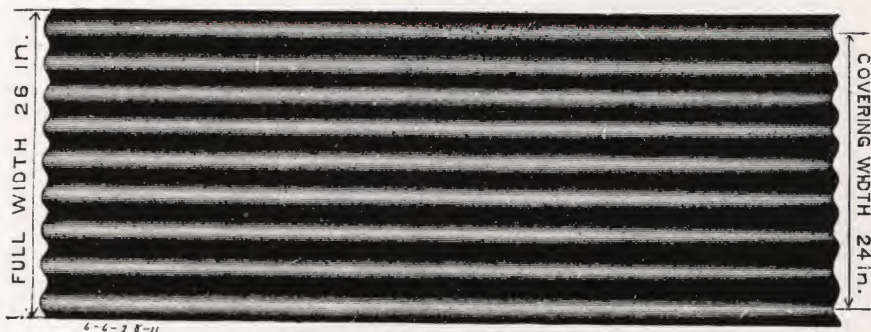
Two Inch Corrugation



No. 960

Corrugation two inches from center to center, and one-half inch deep, made of No. 16 gauge and lighter. Sheets when corrugated measure 26 inches wide, and cover 24 inches from center to center of outside corrugations.

Two and One-Half Inch Corrugation




No. 961

Corrugations two and one-half inches from center to center and one-half of an inch deep, made of No. 16 gauge and lighter. Sheets when corrugated measure 26 inches wide, and cover 24 inches from center to center of outside corrugations.

Of the above sizes 2½-inch corrugated sheets are the standard for all covering purposes.

Three Inch Corrugation

We furnish sheets of Three-Inch Corrugation of usual lengths; full width 26 inches and covering width 24 inches.

 The selling width of all corrugated sheets is the full width, after formed. No allowance for laps.



Corrugated Sheets for Roofing, Siding, Ceiling, Doors, Shutters, Awnings, Etc.



or Open Hearth Steel—Galvanized or Painted

Corrugated is one of the strongest known forms of Sheet Metal, and imparts material strength by its lineal rigidity to the structure to which it is attached.

Its legitimate use is for Siding. It is the best material known for use on structures of moderate cost, that are intended to be fire-proof.

The rigidity imparted to comparatively light sheets by corrugating makes them self-supporting, thereby permitting their use on light, inexpensive framing, the result being a substantial building with a handsome appearance.

The following table shows the number of square feet in the different lengths of 2, 2½ and 3-inch Corrugated Sheets (width 26 inches). For 1¼-inch Corrugated (width 25 inches) multiply result in table by the decimal .962. For ¾-inch Corrugated (width 25½ inches) multiply result in table by decimal .98. For V-Crimp and Pressed Standing Seam Roofing (width 24 inches) multiply by .923.

No. Sheets	Length of Corrugated Sheets						No. Sheets	Length of Corrugated Sheets					
	6 Ft.	7 Ft.	8 Ft.	9 Ft.	10 Ft.	12 Ft.		6 Ft.	7 Ft.	8 Ft.	9 Ft.	10 Ft.	12 Ft.
2	26	31	35	39	44	52	51	603	774	884	995	1105	1326
3	39	46	52	59	65	78	52	676	789	902	1014	1127	1352
4	52	61	70	78	87	104	53	689	804	919	1034	1149	1378
5	65	76	87	98	109	130	54	702	819	936	1053	1170	1404
6	78	91	104	117	130	156	55	715	835	954	1073	1192	1430
7	91	107	122	137	152	182	56	728	850	971	1092	1214	1456
8	104	122	139	156	174	208	57	741	865	988	1112	1235	1482
9	117	137	156	176	195	234	58	754	880	1006	1131	1257	1508
10	130	152	174	195	217	260	59	767	895	1023	1151	1279	1534
11	143	167	191	215	239	286	60	780	910	1040	1170	1300	1560
12	156	182	208	234	260	312	61	793	926	1058	1190	1322	1586
13	169	198	226	254	282	338	62	806	941	1075	1209	1344	1612
14	182	213	243	273	304	364	63	819	956	1092	1229	1365	1638
15	195	228	260	293	325	390	64	832	971	1110	1248	1387	1664
16	208	243	278	312	347	416	65	845	986	1127	1268	1409	1690
17	221	258	295	332	369	442	66	858	1001	1144	1287	1430	1716
18	234	273	312	351	390	468	67	871	1017	1162	1307	1452	1742
19	247	289	330	371	412	494	68	884	1032	1179	1326	1474	1768
20	260	304	347	390	434	520	69	897	1047	1196	1346	1495	1794
21	273	319	364	410	455	546	70	910	1062	1214	1365	1517	1820
22	286	334	382	429	477	572	71	923	1077	1231	1385	1539	1846
23	299	349	399	449	499	598	72	936	1092	1248	1404	1560	1872
24	312	364	416	468	520	624	73	949	1108	1266	1424	1582	1898
25	325	379	434	488	542	650	74	962	1123	1283	1443	1604	1924
26	338	395	451	507	564	676	75	975	1138	1300	1463	1625	1950
27	351	410	468	527	585	702	76	988	1153	1318	1482	1647	1976
28	364	425	486	546	607	728	77	1001	1168	1335	1502	1669	2002
29	377	440	503	566	629	754	78	1014	1183	1352	1521	1690	2028
30	390	455	520	585	650	780	79	1027	1199	1370	1541	1712	2054
31	403	470	538	605	672	806	80	1040	1214	1387	1560	1734	2080
32	416	486	555	624	694	832	81	1053	1229	1404	1580	1755	2106
33	429	501	572	644	715	858	82	1066	1244	1422	1599	1777	2132
34	442	516	590	663	737	884	83	1079	1259	1439	1619	1799	2158
35	455	531	607	683	759	910	84	1092	1274	1456	1638	1820	2184
36	468	546	624	702	780	936	85	1105	1290	1474	1658	1842	2210
37	481	562	642	722	802	962	86	1118	1305	1491	1677	1864	2236
38	494	577	659	741	824	988	87	1131	1320	1508	1697	1885	2262
39	507	592	676	761	845	1014	88	1144	1335	1526	1716	1907	2288
40	520	607	694	780	867	1040	89	1157	1350	1543	1736	1929	2314
41	533	622	711	800	889	1066	90	1170	1365	1560	1755	1950	2340
42	546	637	728	819	910	1092	91	1183	1381	1578	1775	1972	2366
43	559	653	746	839	932	1118	92	1196	1396	1595	1794	1994	2392
44	572	668	763	858	954	1144	93	1209	1411	1612	1814	2015	2418
45	585	683	780	878	975	1170	94	1222	1426	1630	1833	2037	2444
46	598	698	798	897	997	1196	95	1235	1441	1647	1853	2059	2470
47	611	713	815	917	1019	1222	96	1248	1456	1664	1872	2080	2496
48	624	728	832	936	1040	1248	97	1261	1472	1682	1892	2102	2522
49	637	744	850	956	1062	1274	98	1274	1487	1699	1911	2124	2548
50	650	759	867	975	1084	1300	99	1287	1502	1716	1931	2145	2574
							100	1300	1517	1734	1950	2167	2600



Helps for Figuring Corrugated Sheets

Number of Corrugated Sheets in One Square			Number of Square Feet in One Corrugated Sheet		
Length of Sheet, Feet	2, 2½ and 3 inch Corrugations (width 26 inches)	1¼ inch Corrugations (width 25 inches)	Length of Sheet, Feet	2, 2½ and 3 inch Corrugations (width 26 inches)	1¼ inch Corrugations (width 25 inches)
5	9.23	9.60	5	10.83	10.42
6	7.69	8.00	6	13.00	12.50
7	6.59	6.86	7	15.17	14.58
8	5.77	6.00	8	17.33	16.67
9	5.13	5.33	9	19.50	18.75
10	4.62	4.80	10	21.67	20.83
11	4.19	4.37	11	23.85	22.88
12	3.85	4.00	12	26.00	25.00

Full width of Corrugated Sheets is charged for. No allowance is made for laps in these tables.

How to Estimate Amount of Corrugated Sheets

First select the best lengths of sheets to fit the space, bearing in mind the end laps. On siding one-inch lap will do, while for Roofing nothing less than three inches, and if a slight pitch, six inches, for end lap. As each sheet of No. 28 Gauge lays just two feet wide, it is a simple matter to ascertain the number of sheets necessary to cover the space. Then estimate the number of feet in our two (2) and two and one-half (2½) inch corrugated sheets, as follows:

5 ft. long, 10 5-6	sq. ft. lay 2 ft. wide, selling measure 26 in. wide.
6 ft. long, 13	sq. ft. lay 2 ft. wide, selling measure 26 in. wide.
7 ft. long, 15 1-6	sq. ft. lay 2 ft. wide, selling measure 26 in. wide.
8 ft. long, 17 1-3	sq. ft. lay 2 ft. wide, selling measure 26 in. wide.
9 ft. long, 19 1-2	sq. ft. lay 2 ft. wide, selling measure 26 in. wide.
10 ft. long, 21 2-3	sq. ft. lay 2 ft. wide, selling measure 26 in. wide.
11 ft. long, 23 5-6	sq. ft. lay 2 ft. wide, selling measure 26 in. wide.
12 ft. long, 26	sq. ft. lay 2 ft. wide, selling measure 26 in. wide.

On 1¼ inch or small Corrugated Sheets, figure as follows:

5 ft. long, 10 5-12	sq. ft. lay 2 ft. wide, selling measure 25 in. wide.
6 ft. long, 12 1-2	sq. ft. lay 2 ft. wide, selling measure 25 in. wide.
7 ft. long, 14 7-12	sq. ft. lay 2 ft. wide, selling measure 25 in. wide.
8 ft. long, 16 2-3	sq. ft. lay 2 ft. wide, selling measure 25 in. wide.
9 ft. long, 18 3-4	sq. ft. lay 2 ft. wide, selling measure 25 in. wide.
10 ft. long, 20 5-6	sq. ft. lay 2 ft. wide, selling measure 25 in. wide.
11 ft. long, 22 11-12	sq. ft. lay 2 ft. wide, selling measure 25 in. wide.
12 ft. long, 25	sq. ft. lay 2 ft. wide, selling measure 25 in. wide.

When necessary we cut sheets in the middle and give half sheets of any of the above lengths. When we cut to odd inches, say 7 feet 9 inches, we charge for an 8-foot sheet, unless we have two or three weeks in which to fill order, so as to have sheets made odd sizes.

Always specify length of sheets and size of corrugation.

As no allowance is made for laps, the following table gives the number of square feet necessary to cover one square (100 sq. ft.) of surface, providing there is no waste in cutting.

Estimate for No. 28 Gauge 2½-Inch Corrugation

END LAP	1 inch	2 inches	3 inches	4 inches	5 inches	6 inches
Side Lap 1 Corrug'n	110 sq. ft.	111 sq. ft.	112 sq. ft.	113 sq. ft.	114 sq. ft.	115 sq. ft.
Side Lap 1½ Corrug'n	116 sq. ft.	117 sq. ft.	118 sq. ft.	119 sq. ft.	120 sq. ft.	121 sq. ft.
Side Lap 2 Corrug'n	123 sq. ft.	124 sq. ft.	125 sq. ft.	126 sq. ft.	127 sq. ft.	128 sq. ft.

Estimate for No. 28 Gauge 1¼-Inch Corrugation

END LAP	1 inch	2 inches	3 inches	4 inches	5 inches	6 inches
Side Lap 1 Corrug'n	107 2-5 sq. ft.	108 3-5 sq. ft.	109 7-10 sq. ft.	110 9-10 sq. ft.	112 1-10 sq. ft.	113½ sq. ft.
Side Lap 1½ Corrug'n	110 1-5 sq. ft.	111 2-5 sq. ft.	112 7-10 sq. ft.	113 9-10 sq. ft.	115 1-10 sq. ft.	116 2-5 sq. ft.
Side Lap 2 Corrug'n	113 3-10 sq. ft.	114½ sq. ft.	115 4-5 sq. ft.	117 sq. ft.	118½ sq. ft.	120 3-5 sq. ft.

These tables are based on using 96-inch sheets; if longer or shorter lengths are used there will be a slight variation from the above estimate.

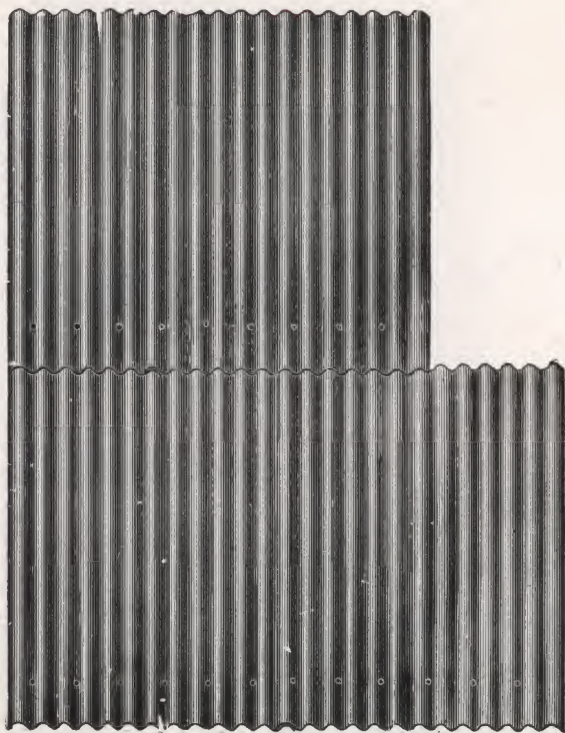


Corrugated Siding



or Open Hearth Steel—Galvanized or Painted

Manufactured expressly for grain elevators, mills and high buildings where there is liability of building settling.



No. 965

Regular size, 32 inches long by 26 inches wide.

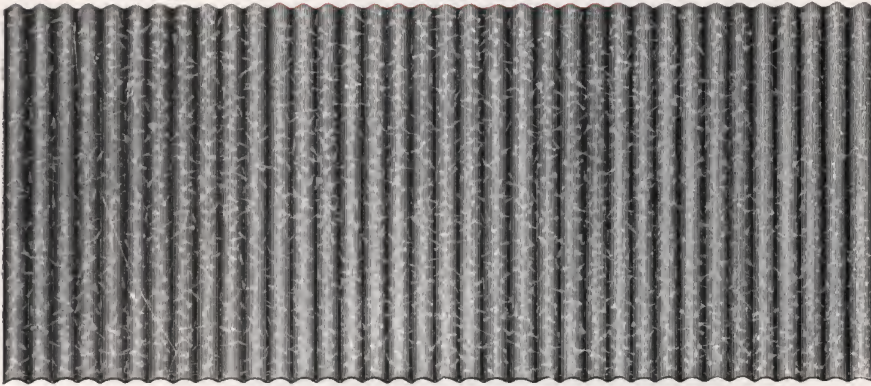
No. 965 shows Corrugated Iron for Grain Elevators.

Corrugations same as Nos. 959, 960 and 961.

Sheets are laid in such a manner that the elevator sides have a chance to settle without disturbing the fastenings of Sheets. Our 2 and 2½-inch Corrugated Sheets are 26 inches wide by 32 inches long and cover 24 inches. 1¼-inch Corrugated Sheets are 25 inches wide by 32 inches long and cover 24 inches. The sheets are laid with a 2-inch end lap, and the nails are 2 inches above the upper edge of lower sheets, thus allowing the sheets to slip 2 inches in every 32 inches as the sides of the elevator settle, and will not buckle or draw the nails.



Cross Corrugated Sheets

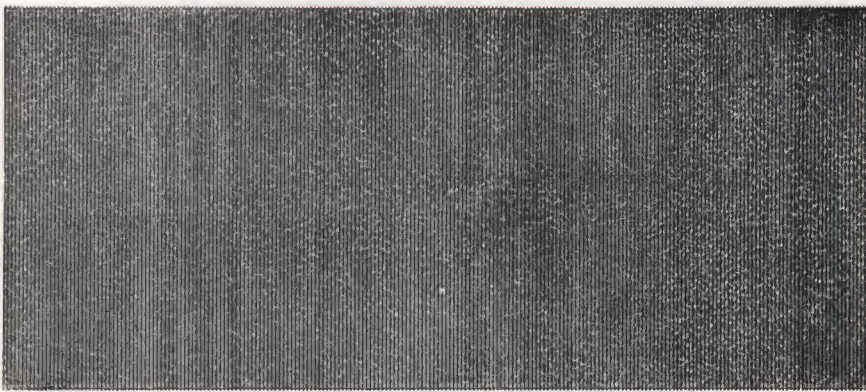


2½-Inch or 1¼-Inch Cross Corrugated Sheets. Galvanized or Painted

Manufactured especially for grain elevators, mills and high buildings where there is liability of structure settling.

Furnished in 5, 6, 7, 8, 9 and 10-foot lengths, and 28, 30 and 36-inch widths. Made in gauges, No. 16 and lighter.

Cross Crimped Sheets



⅜-Inch Crimped Sheet

Galvanized. Gauges 24 and lighter.

Sheets of any length crimped crossways up to 36 inches wide.



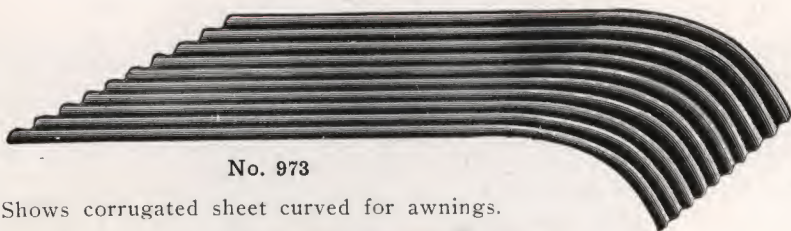
This cut shows size of crimp.

This style of crimped sheets can be worked in a cornice brake and is widely used for cornice work, also used for ceilings and sidewalls.



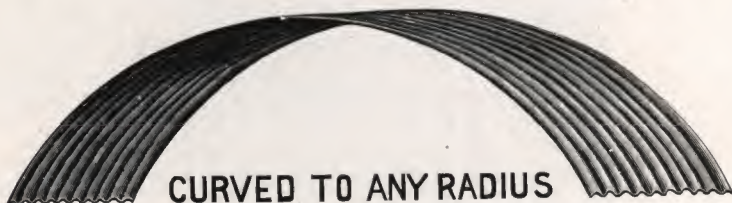
Curved Corrugated Sheets

2½-Inch Corrugation



No. 973

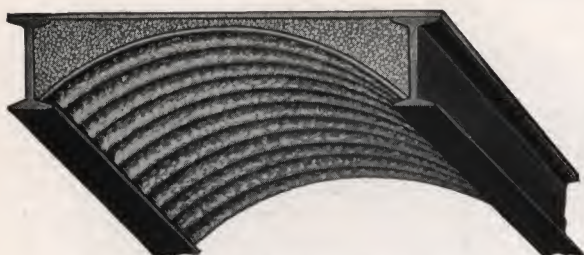
Shows corrugated sheet curved for awnings.



CURVED TO ANY RADIUS

No. 971

Shows corrugated sheet for Roofing and Ceiling. We curve the sheets to any required radius, in any gauge, from 16 to 26, inclusive, and guarantee all curving to correspond with specifications furnished.

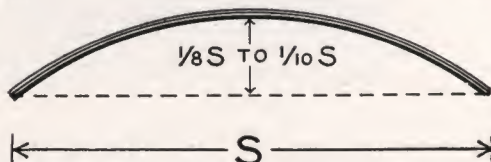


No. 972

Shows application of curved corrugated sheets on floor beams for Ceilings in fire-proof buildings using concrete filling. The Ceilings can be painted in any color to suit. Prices quoted on specifications only.

Safe load in pounds per square foot uniformly distributed, including weight of sheet, for corrugated steel sheets. Factor of five.

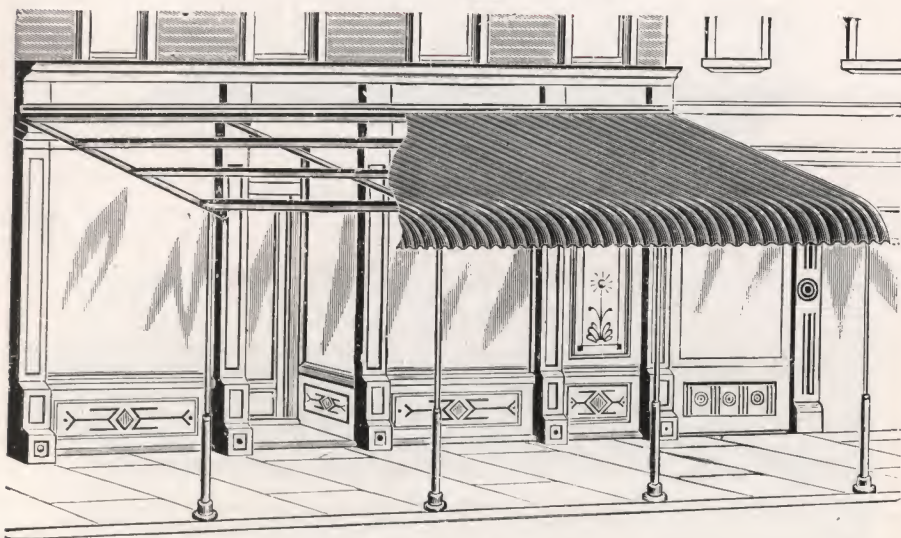
Span in Feet	No. 24	No. 22	No. 20	No. 18	No. 16
2	600	780	1000	1200	1700
3	360	480	600	750	1000
4	200	270	340	420	550
5	120	170	215	270	350
6	90	120	150	180	250
7	65	85	110	135	180
8	50	65	80	100	140
9	40	50	65	90	110



Always state width of span or base and height of rise for curved sheets.

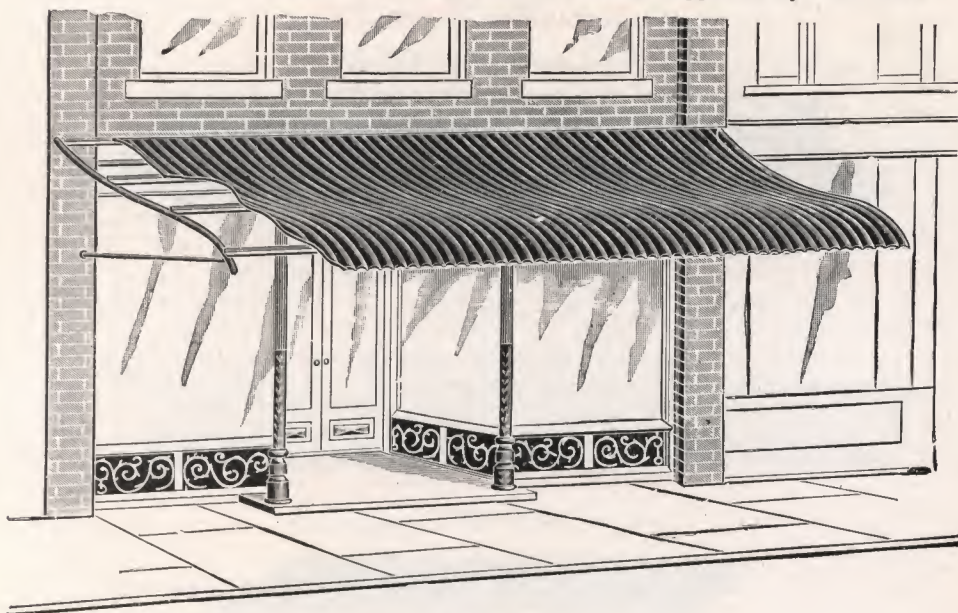
Corrugated Awnings

Furnished in  or Steel



No. 975

Represents our Single Curved Awning, with Iron Frame supported by Iron Posts.



No. 976

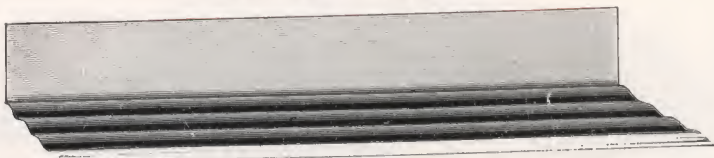
Represents our Double Curved Awning, with Iron Frame supported by Iron Brackets fastened to the wall of building.

We quote prices only upon being furnished with dimensions in detail.



Corrugated Side Wall Flashing

$2\frac{1}{2}$ " or $1\frac{1}{4}$ " Corrugations.



No. 977

14" girth; 8" apron; $5\frac{1}{2}$ " return; 96" lengths.

No. 28 Gauge, Galvanized; Weight, 91 pounds.....\$20.00 per 100 lin. ft.
No. 28 Gauge, Painted; Weight, 73 pounds..... 13.50 per 100 lin. ft.

Corrugated End Wall Flashing

$2\frac{1}{2}$ " or $1\frac{1}{4}$ " Corrugations.



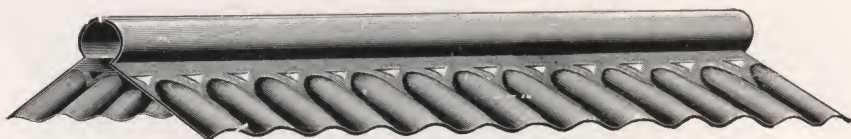
No. 978

6" girth; 4" apron; 2" return; lengths 28" and 96".

No. 28 Gauge, Galvanized; Weight, 39 pounds.....\$11.00 per 100 lin. ft.
No. 28 Gauge, Painted; Weight, 31 pounds..... 8.00 per 100 lin. ft.

Corrugated Ridge Roll

$2\frac{1}{2}$ " or $1\frac{1}{4}$ " Corrugations.



No. 979

2" roll; 4" apron; 12" girth; 28" and 96" lengths.

No. 28 Gauge, Galvanized; Weight, 78 pounds.....\$16.00 per 100 lin. ft.
No. 28 Gauge, Painted; Weight, 62 pounds..... 10.00 per 100 lin. ft.

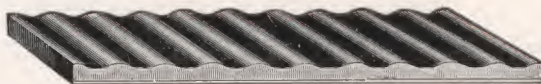
2" roll; 8" apron; 20" girth; 28" length.

No. 28 Gauge, Galvanized; Weight, 130 pounds.....\$25.00 per 100 lin. ft.
No. 28 Gauge, Painted; Weight, 104 pounds..... 15.00 per 100 lin. ft.

Above patterns furnished of Toncan Metal or Open Hearth Steel—Galvanized or Painted.

Corrugated Wood Ridge Joints

3", $2\frac{1}{2}$ ", 2" or $1\frac{1}{4}$ " Corrugations.



No. 981

Used under apron of plain ridge roll and capping when roof is covered with corrugated sheets.



Weather Board Siding



or Open Hearth Steel—Galvanized or Painted

Used extensively on frame buildings and is a desirable substitute for wooden weather boarding.

Furnished in 5, 6, 7, 8, 9 and 10 ft. lengths.



No. 990

We furnish $6\frac{1}{4}$ sheets 24×96 inches or its equivalent for a square, which will lay 100 square feet on building, less the lap at the end of the sheets.

Each sheet shows 6 boards 4 inches wide. Can be applied directly to studding or on rough sheathing. When applying to sheathing, place nails 4 to 6 inches apart, along the horizontal laps and immediately under the projecting crimp. When applying to studding nail to each stud. Nail end laps at the upper edge of each face or "board."



No. 991

Shows Metal Corner Boards used in finishing corners and angles of buildings when using Weather Board Siding.

Corner Boards we sell by the lineal foot, made in lengths from 2 to 10 feet.



Beaded Siding and Ceiling



or Open Hearth Steel—Galvanized or Painted



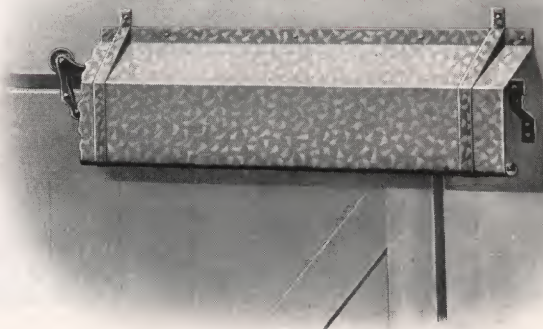
No. 992

Sheets when beaded cover 24 inches from center to center of outside beads, and can be furnished any length up to 10 feet. The beads are small corrugations, $\frac{3}{8}$ inch wide and $\frac{1}{8}$ inch deep, and 3 inches from center to center.

Berger's Barn Door Track Cover



or Open Hearth Steel—Galvanized



The desirability and importance of Berger's Door Track Cover is apparent. There is no substitute which will so well serve the purpose.

Size, 10 inch and 14 inch girth, and 10 foot lengths.

Prices on application.

Crated, 250 feet.



Artistic Siding and Trimmings

To Architects, Builders and Building Owners, attention is called to the desirability of metal sheets in imitation of Plain Brick, and Rock Face Brick and Stone Siding and Trimmings.

The application of these patterns are shown in illustrations, pages 49 to 54 inclusive, sufficient to evidence the handsome effects obtainable.

There is nothing more desirable for an elegant facing for store fronts, and they are a logical substitute for the plain galvanized iron fronts, the difference in cost being immaterial.

These patterns are furnished of painted or galvanized Open Hearth Steel or Toncan Metal, and may be painted any color.

The real Sand Stone finish is obtainable by the application of sand (washed sand free from loam must be used) with a bellows, immediately following the application of a coat of paint.

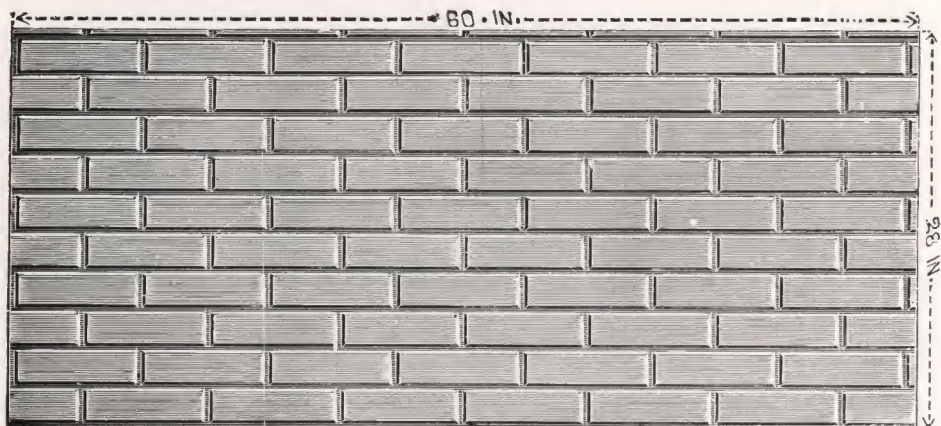
The Rock Face Brick and Stone, Metal Siding and Trimmings, sand finish as described above, and illustrated on the following pages, are used for some of the most desirable business blocks, and other equally important buildings.



Berger's Imperial Pressed Brick



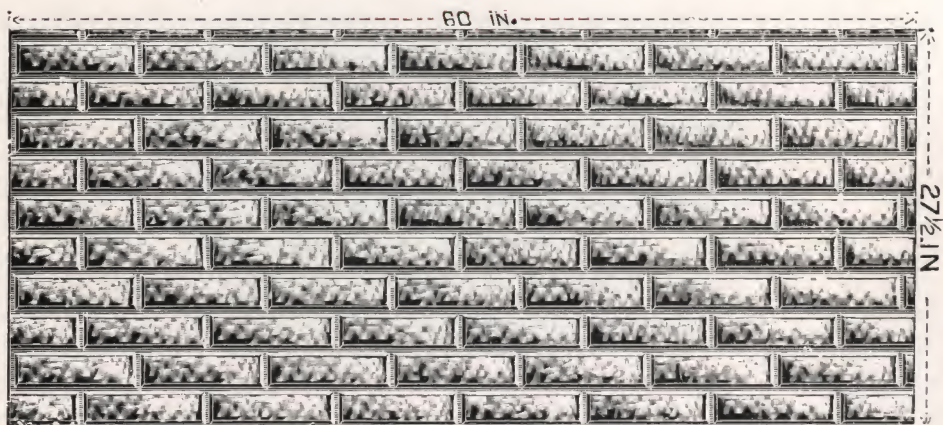
or Open Hearth Steel—Galvanized or Painted



No. 993

Size of Single Brick, 2 4-5 x 8 1/4 inches. Sheets, 60 x 28 inches.

Rock-Face Brick



No. 949

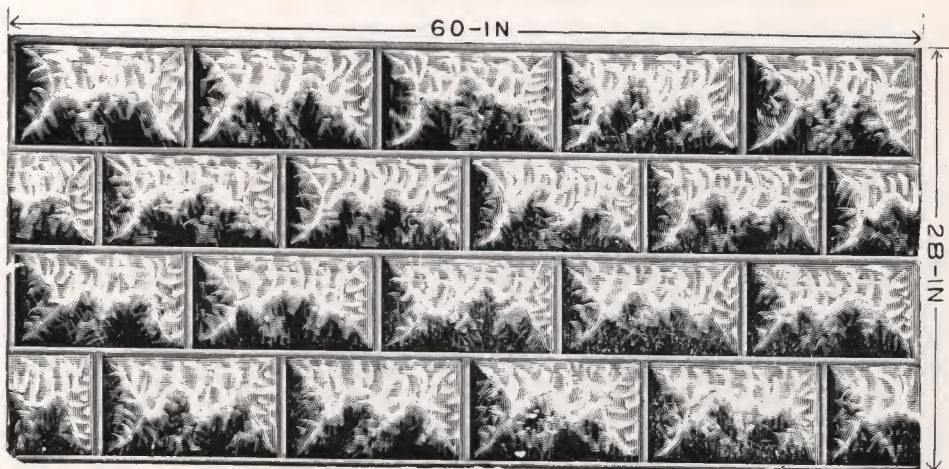
Size of Single Brick, 2 4-5 x 8 1/4 inches. Sheets, 60 x 27 1/2 inches.



Rock Face Stone

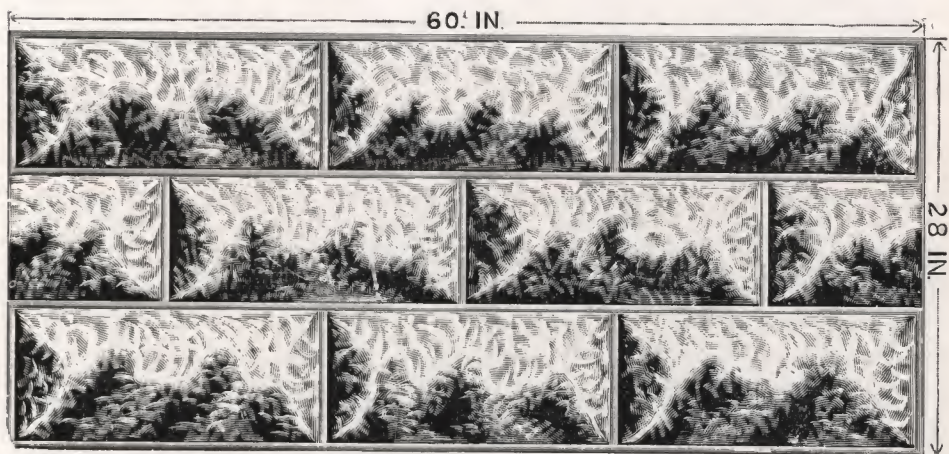


or Open Hearth Steel—Galvanized or Painted



No. 1

Size of Single Stone, 7 x 12 inches. Sheets, 60 x 28 inches



No. 2

Size of Single Stone, 9 1-3 x 20 inches. Sheets, 60 x 28 inches.

A Square of Rock Face Stone consists of 8 4-7 sheets 60 inches long by 28 inches wide.

In ordering Plain or Rock Faced Siding, allow 4 to 6 square feet to the 100 for laps.

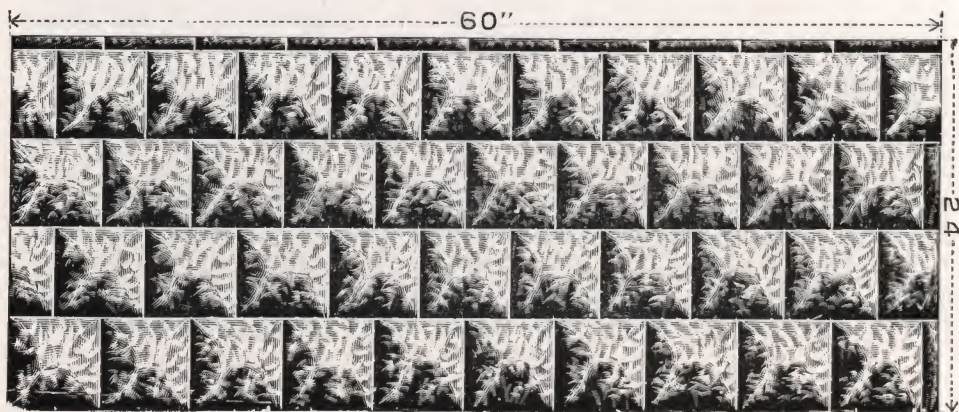


Rock Face Siding



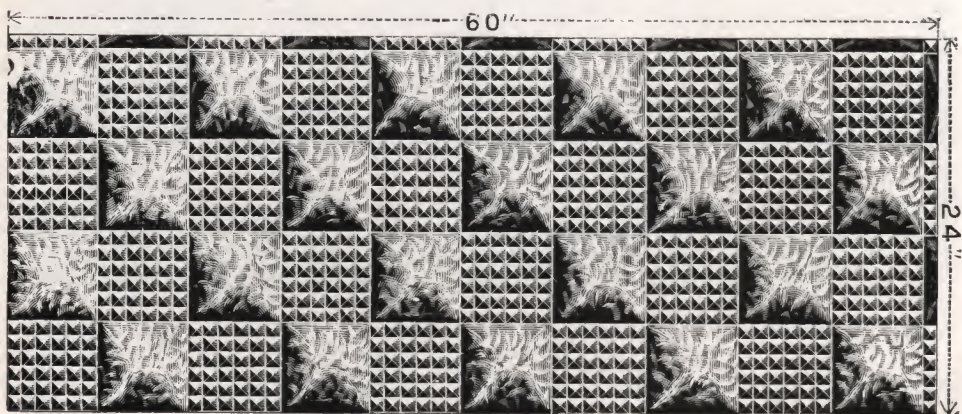
or Open Hearth Steel—Galvanized or Painted

The following styles are used mainly for Trimmings. In combination with Rock Face Stone, note designs page 53.



No. 3

Size of Single Stone, 6 x 6 inches. Sheets, 60 x 24 inches



No. 4

Size of Single Stone, 6 x 6 inches. Sheets, 60 x 24 inches

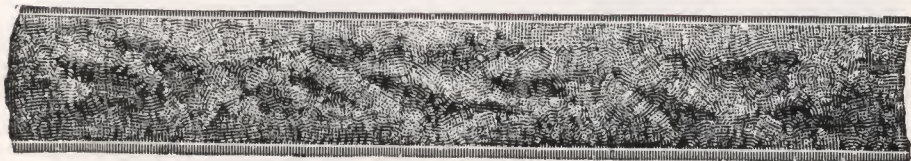


Continuous Rock Face Stone



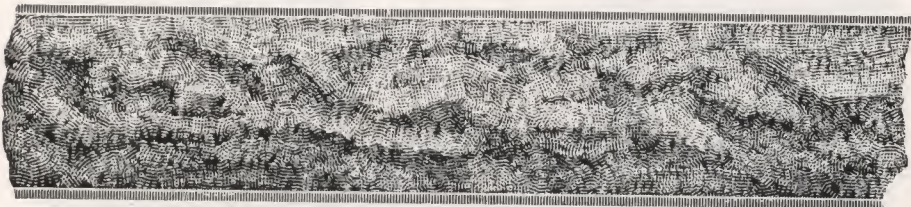
or Open Hearth Steel

Pressed in 5-ft. Lengths and Used for Window Sills and Belt Course



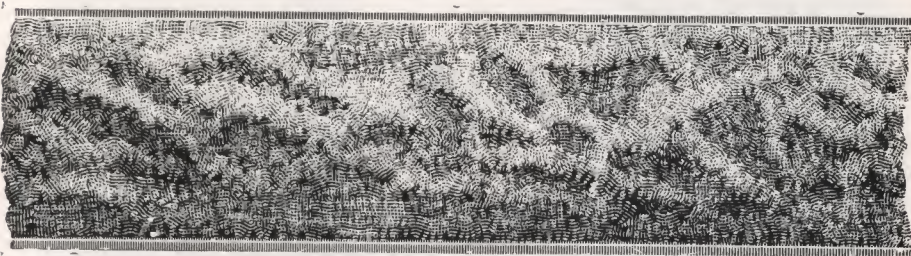
Size, 6 inches.

No. 20



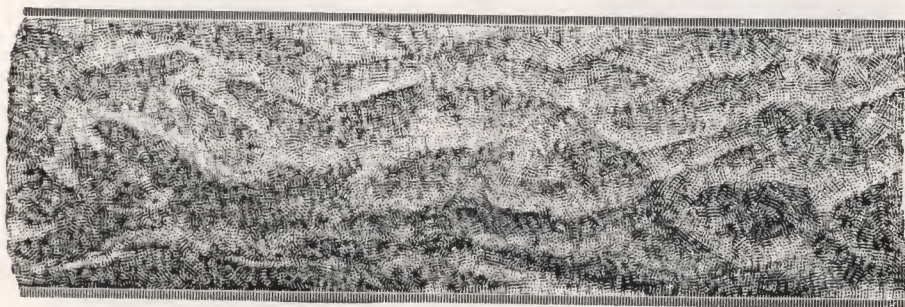
Size, 8 inches.

No. 21



Size, 10 inches.

No. 22



Size, 12 inches.

No. 23

Price List

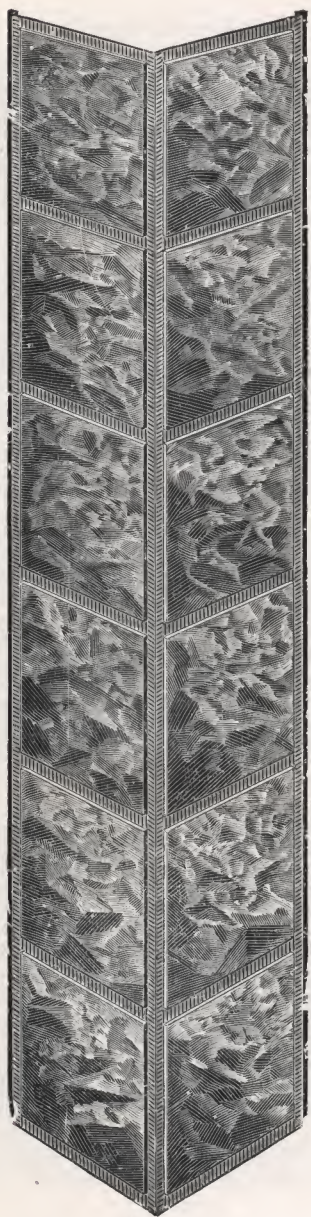
	Painted	Galvanized
No. 20, 6 inches wide, per lineal foot.....	\$0.04½	\$0.06
No. 21, 8 inches wide, per lineal foot.....	.06	.08
No. 22, 10 inches wide, per lineal foot.....	.07½	.10
No. 23, 12 inches wide, per lineal foot.....	.09	.12



Corner Trimmings

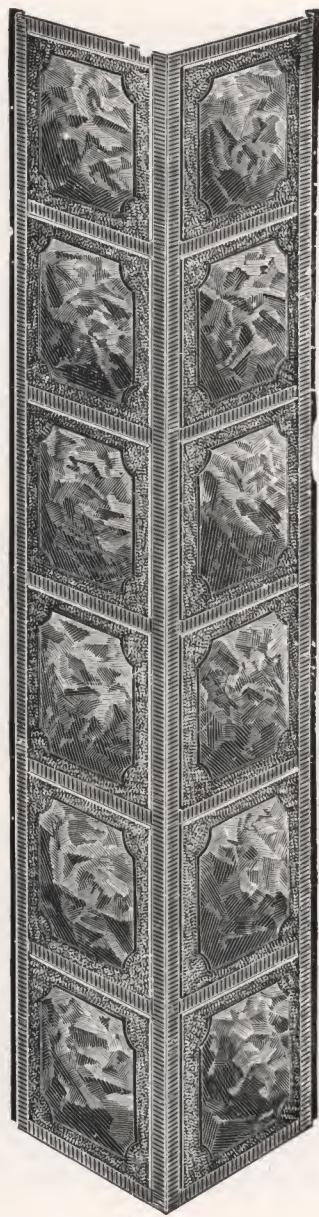


or Open Hearth Steel



No. 9

Formed
Ready
To Apply



No. 10

Price List

No. 9 or 10 Rock Face Stone Corners, per lineal foot.....\$0.18

Painted


Galvanized

\$0.24

These Corners show 12 inches to the weather on each face. Use a wood back $\frac{7}{8}$ -inch thick by the width of the face of corner plate. After placed in position, proceed to apply the siding.



Pilaster Complete With 4-Inch Return

 or Open Hearth Steel

Corner



No. 11

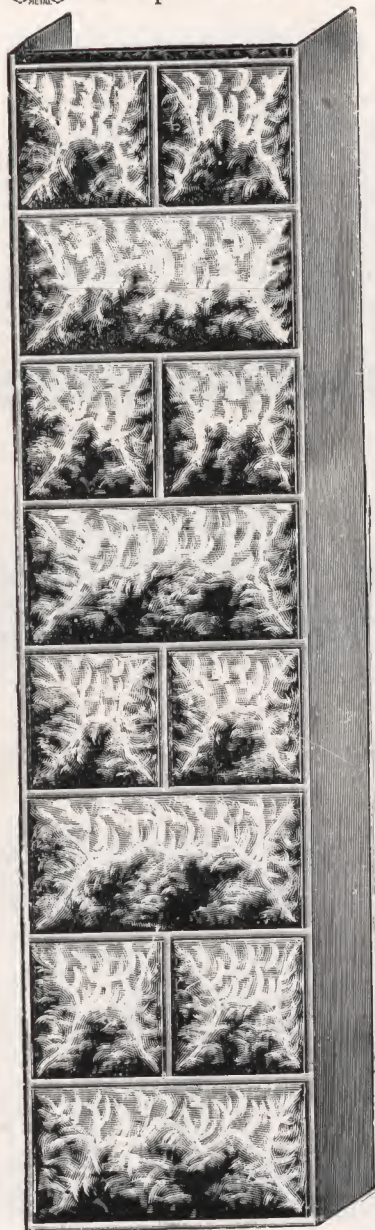
Shows Rock Face
Brick Corner Finish,
4 in. to the weather
on each face.

Corner



No. 12

Shows Plain Brick
Corner Finish, 4 in.
to the weather on
each face.



No. 876

Price List

	Painted	Galvanized
No. 11, per lineal foot	\$0.06	\$0.08
No. 12, per lineal foot .....	.05	.07
No. 876, 10-inch Face, with 4-inch Return, per lineal foot..	.13½	.18
No. 876, 12-inch Face, with 4-inch Return, per lineal foot..	.15	.20
No. 876, 16-inch Face, with 4-inch Return, per lineal foot..	.18	.24



Rock Face Stone Window and Door Caps




or Open Hearth Steel

These are for general use and none other will add so much in appearance at a small cost.

The following styles are largely used, and are essential for a complete finish when buildings are covered with our Plain Pressed Brick and Rock Face Brick and Stone Siding.

We fit them up complete ready to place in position. Always state width of opening.

 Window Sills.—No. 927 is used for this purpose.



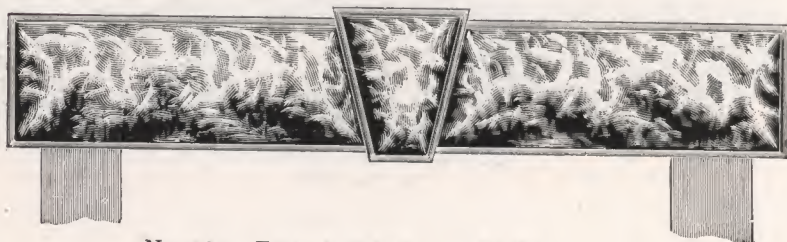
No. 927. Face, 6 inches.....\$0.75



No. 928. Face, 6 inches.....\$1.00



No. 929. Face, 6 inches.....\$1.25



No. 930. Face, 8 inches.....\$1.50



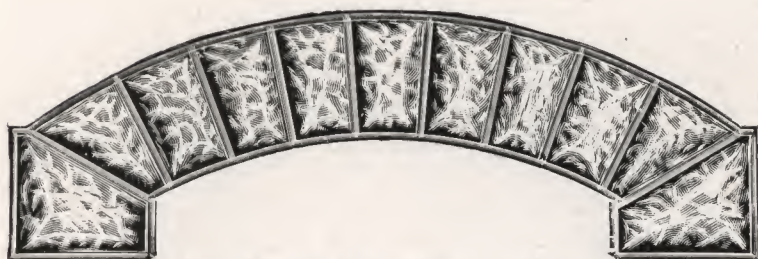
Rock Face Stone Window and Door Caps



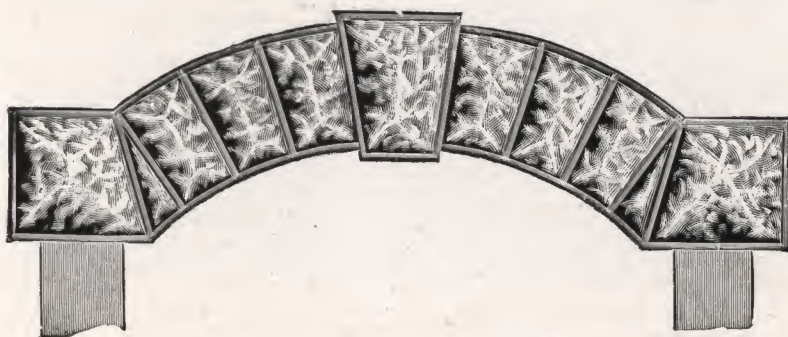
or Open Hearth Steel



No. 931. Face, 8 inches.....\$2.25



No. 932. Face, 8 inches.....\$4.00



No. 933. Face, 8 inches.....\$4.00

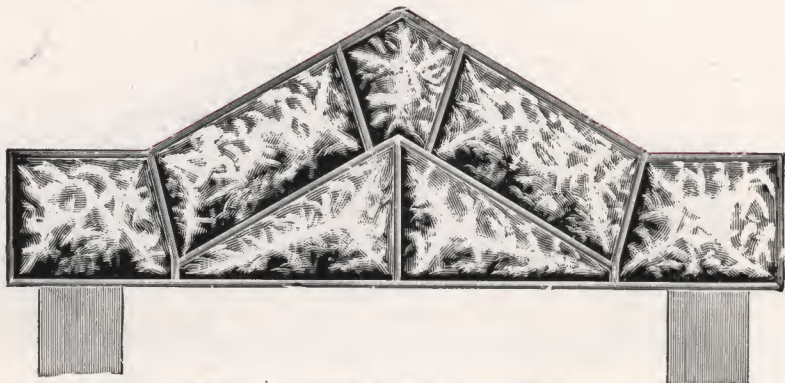
Always state width of opening.



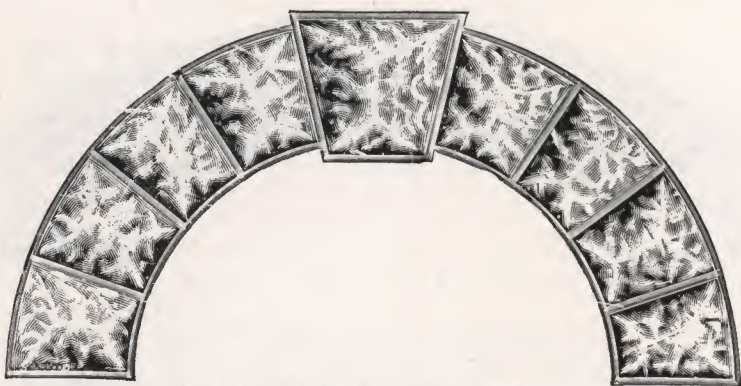
Rock Face Stone Window and Door Caps



or Open Hearth Steel



No. 499. Face, 8 inches.....\$3.50



No. 500. Face, 8 inches.....\$6.00

The prices for Window and Door Caps are for openings 32 to 42 inches in width between brick work. Other sizes will be charged extra.

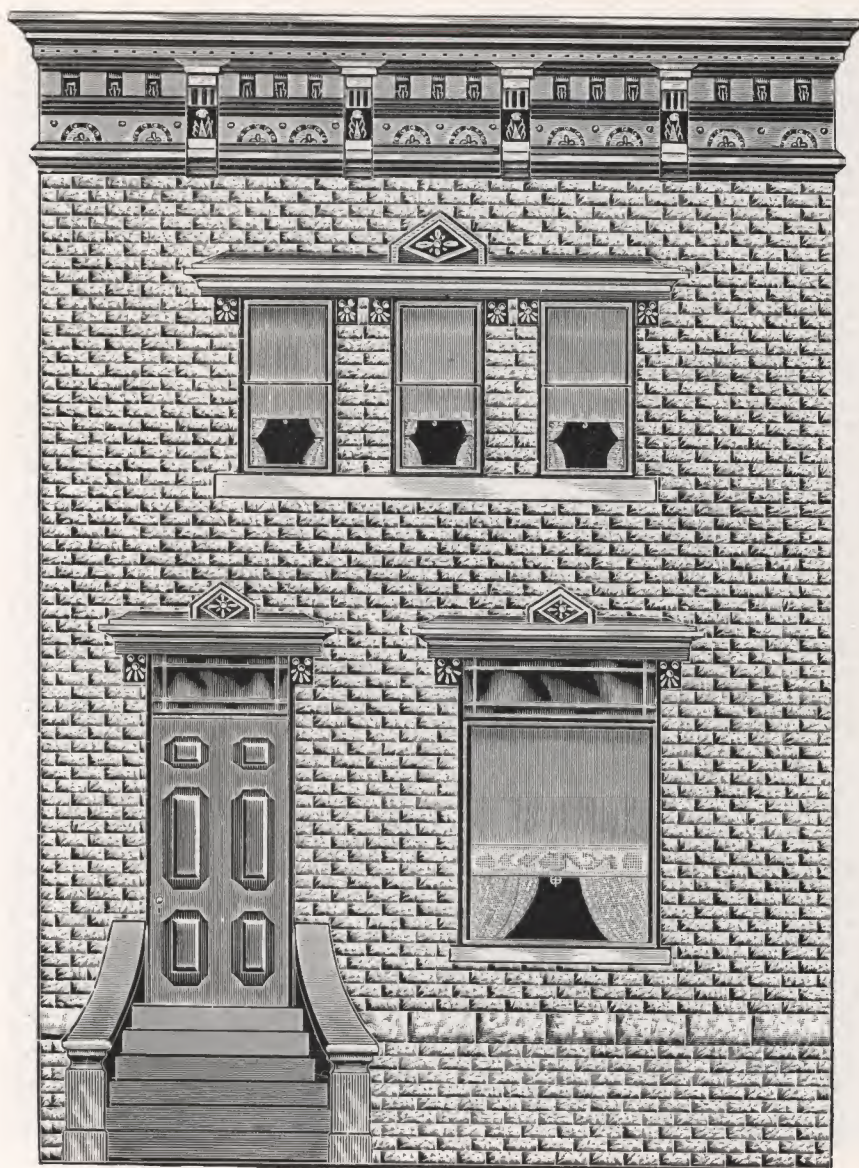
Directions for Ordering Window and Door Caps

For circular head openings give radius.

Always state width of opening between brick work in inches, and give the distance the frame is recessed from face of wall.

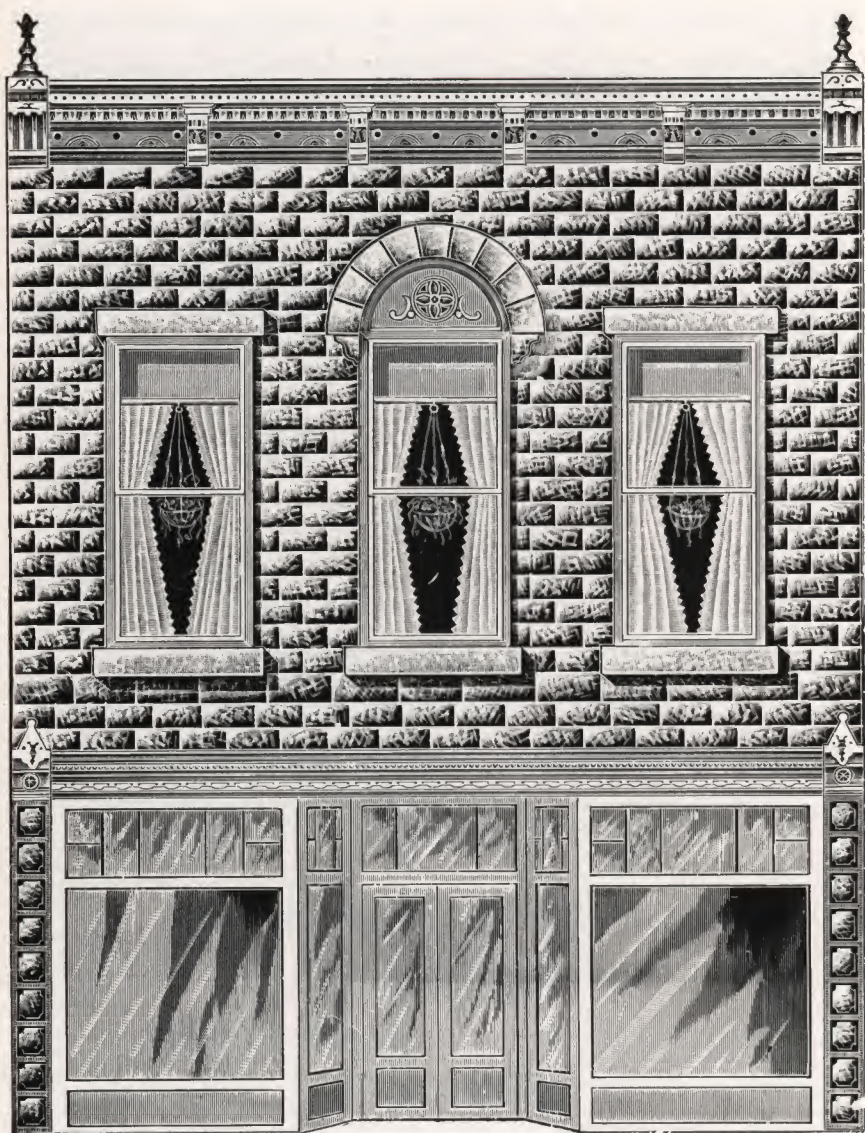
State if caps are to be built in brick work, or put on buildings already erected, as a difference in construction of cap is necessary; the latter is furnished when not otherwise specified.

All caps and sills are made the width of opening specified, plus 12 inches, which allows an extension of 6 inches on each side of opening; also to project 1½ inches from wall line.



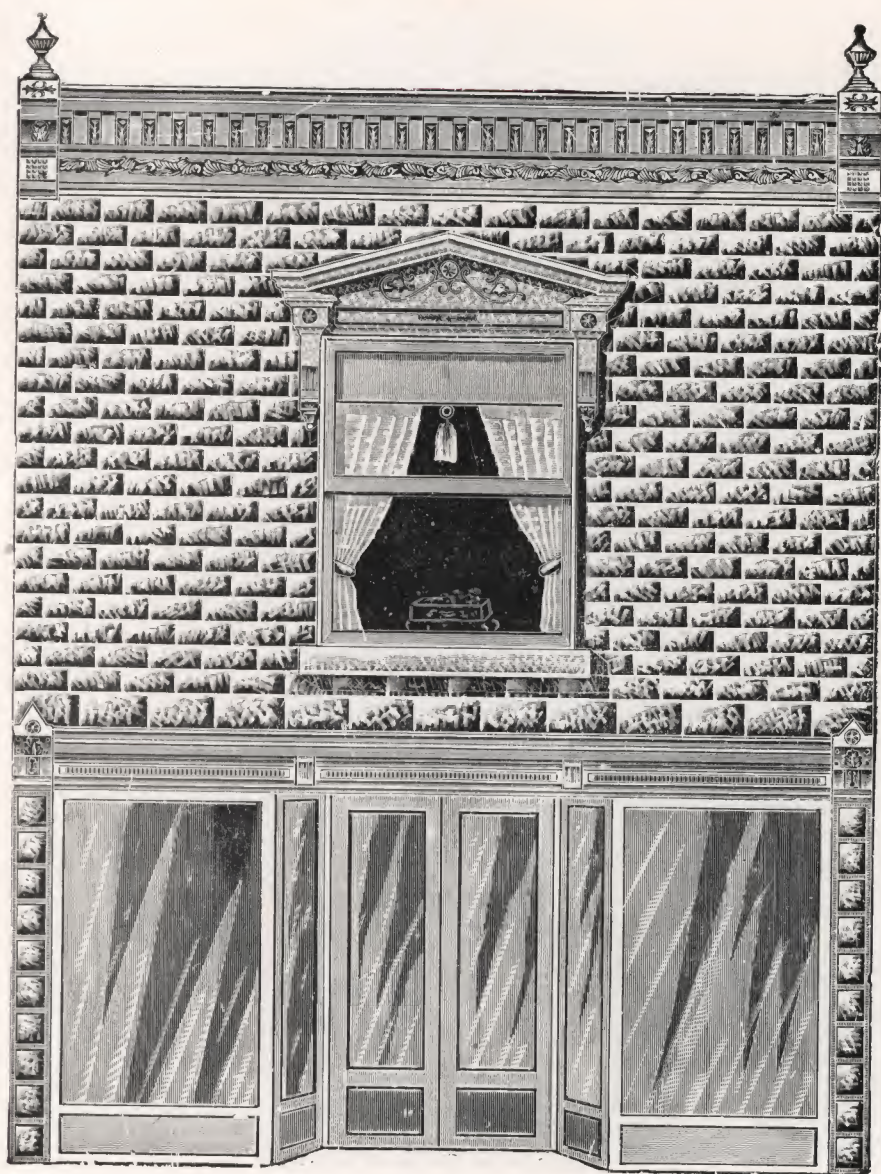
or Open Hearth Steel—Galvanized or Painted


Shows frame structure sided with Berger's Patent Rock Face Steel Brick and trimmed with No. 416 Cornice and No. 482 Window Caps.



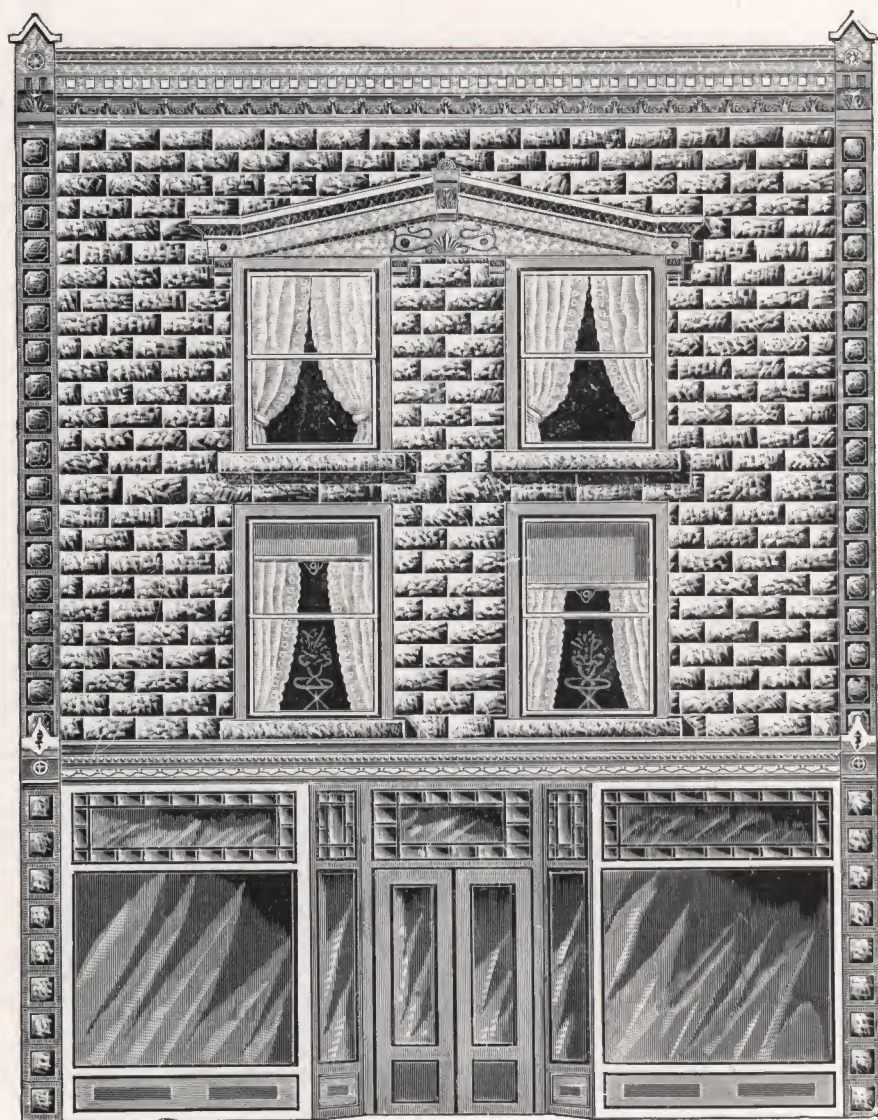
or Open Hearth Steel—Galvanized or Painted

Shows frame structure sided with Patent Rock Face Stone and trimmed with No. 416 Cornice, No. 10 Corner Stone and Rock Face Window Caps and Sills.



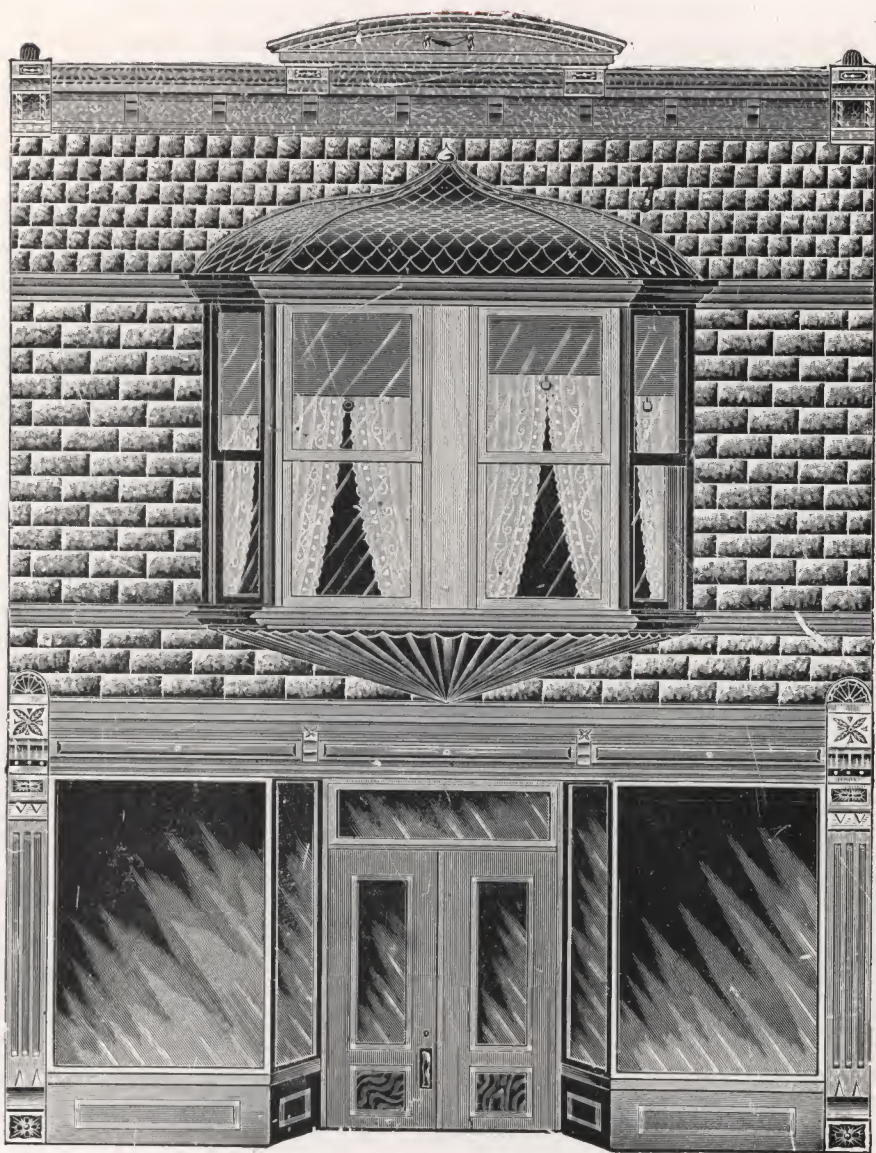
 or Open Hearth Steel—Galvanized or Painted

Shows frame structure sided with Patent Rock Face Stone and trimmed with No. 417 Cornice, No. 490 Window Cap, No. 10 Corner Stone and Rock Face Window Sills.



or Open Hearth Steel—Galvanized or Painted

Shows frame structure sided with Rock Face Stone, trimmed with No. 422 Cornice and No. 4 Square Stone.



or Open Hearth Steel—Galvanized or Painted

Shows frame structure sided with Patent Rock Face Stone and trimmed with No. 420 Cornice and No. 3 Square Stone.



Shows Building Sided with Imperial Pressed Steel Brick



or Open Hearth Steel—Galvanized or Painted



Always Lay with the Concave or Hollowed Part of Mortar Line
on the Outside



Directions for Putting on Metal Brick Siding

Over Wood Sheathing

1st. With spirit level and chalk line get the level of your building entirely around its base or top and strike a line corresponding thereto.

2nd. Place a full sheet of siding at one corner of the building, allowing the end to extend two or more feet past the corner so that the cross grooves are immediately over the corner, the lower edge of the sheet resting on the chalk line.

3rd. Nail the sheet fast to the wall through the grooves sufficiently to hold it fast and to bring it down solid all the way along. Begin at the middle of the sheet to nail and work towards ends and sides, putting nails two or three bricks apart. Never nail through the brick.

4th. Bend the projecting two feet around the corner (if projects) with the hands or with a piece of board, using a small mallet slightly to bring down any uneven places.

5th. Lay around building until you meet the commencement. Place the first sheet of the second tier over the first so as to break joints perfectly as in brick work, letting the half groove at the bottom of the sheet lap over the first and fit closely in the half groove at the top of the first sheet.

6th. Window and door frames should not be put in until after the siding is on. But in case the frames are in, the Metal Siding may be applied and faced at doors and windows the same as for wood siding.

7th. At windows or doors cut the sheets about three inches above the bottom sill, and the same distance from the side; then cut from the corner thus formed obliquely to the corner of the window or door space, bend the steel with the hands down upon the window sill and around the side of the studding, and nail it fast. The window frames fit in over these laps and show a complete brick finish.

Nails

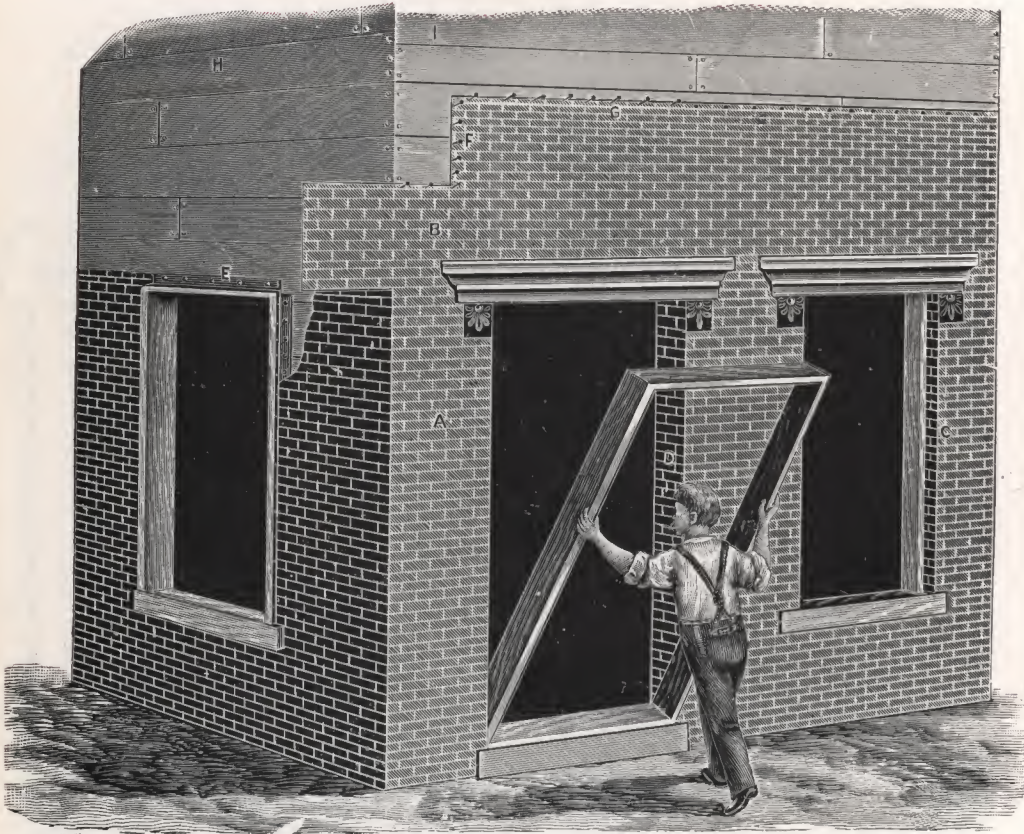
The best nails to use are $\frac{7}{8}$ barbed roofing nails, or three penny common wire nails, either of which may be readily driven through the grooves without the use of a punch. Always use a nail-set to drive nail home. It requires about $\frac{3}{4}$ of a pound of these nails to a square of siding. In case purchasers of our siding cannot obtain suitable nails in their own towns, will furnish them at a reasonable price.



Shows Process of Laying Pressed Brick



or Open Hearth Steel—Galvanized or Painted



A shows corners finished with Steel Brick Plate. This is accomplished by letting plate project over corner 8 or 10 inches, even with perpendicular or mortar line as shown by sheet **B**.

C shows window with Galvanized Cap and openings finished by letting the plate project over opening $2\frac{1}{2}$ inches and turning over on the inside, placing window frame in after finished.

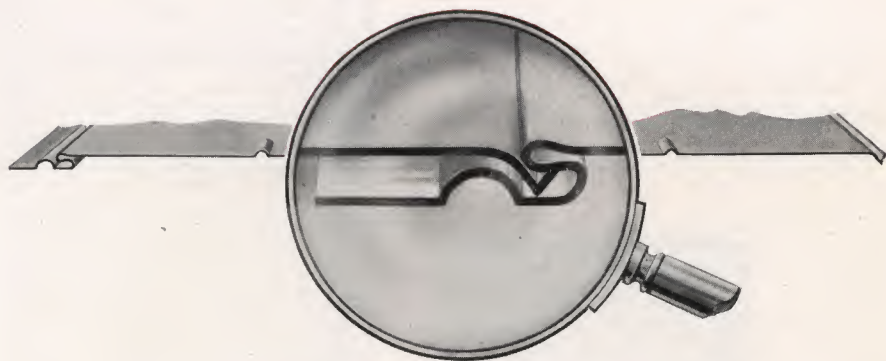
D shows door with Galvanized Cap and opening finished, with plate turned and putting in door frame.

E shows window frame in, and projecting 1 inch beyond sheathing. When like this, use angle stock $\frac{3}{4}$ by 1 inch to nail on first, then butt plates against the flange lip, and nail.

F and **G** show nailing flanges on sheets.



Berger's Metal Shingles



Reasons for Using Metal Shingles

Almost every kind of building material has been used at some period for roofing purposes, but time has been the principal inspector of roof coverings and the results of the development are very favorable to metal shingles.

The scarcity of good timber to produce wooden shingles, the demand for a fire-proof covering that is moderate in price and requires no stronger superstructure than wooden shingles has opened an unlimited field for metal shingles.

To conform with the present ideas in building, a roof must not only be a good, fire-proof covering but it must be artistic and in keeping with the architectural taste or plan of the building it covers.

To meet all these demands the Berger Metal Shingles have been produced. The different designs illustrated are adapted to various styles of architecture and the architect and building owner will find among the following patterns the design that harmonizes with any particular building plan.

In addition to being manufactured from a heavier weight base that is rust-resisting, the Berger Metal Shingles, as you will note from the above illustration, have been so constructed to provide a simple, water-tight joint which takes care of the expansion and contraction, and at all times prevents rain or snow from entering at the laps or joints. All phases of the trade demands have been carefully studied and the construction and designs shown are the result of the most careful research and investigation.

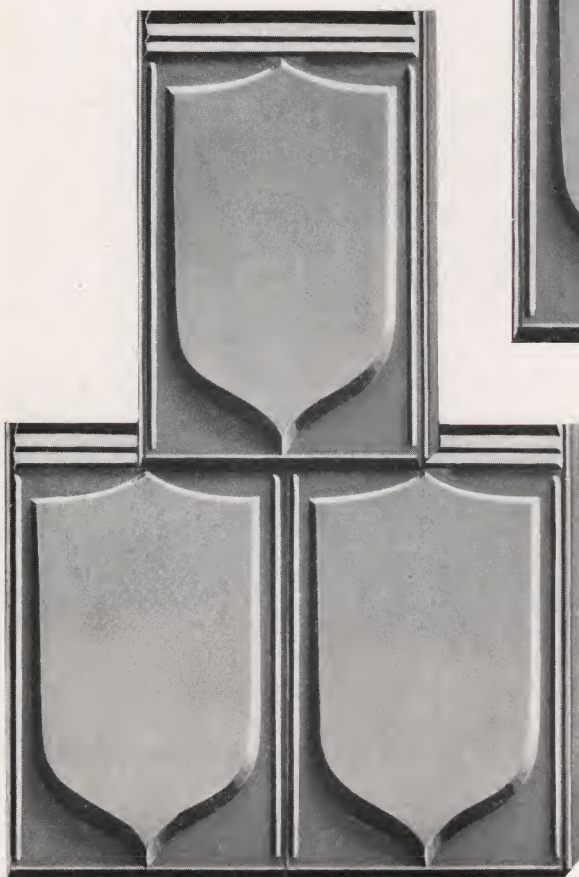


“Swanee” Metal Shingles

A plain pattern; heavily embossed; bold design. Size of Shingle, 10 x 14 inches; 136 Shingles cover one square.




The “Swanee”



Application of the “Swanee”

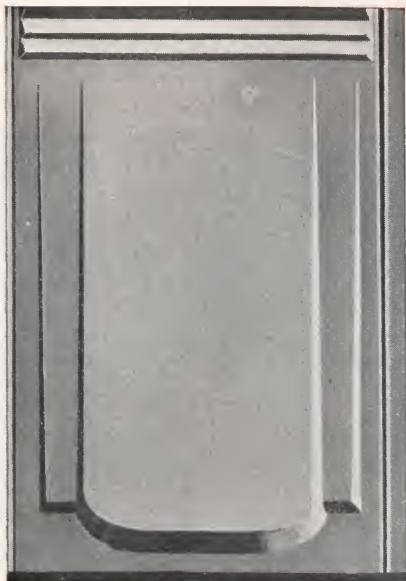
The three-point contact side lock and special end water guards are tighter than ordinary metal shingle joints and prevent rain or snow from entering.

Material.—Galvanized  Galvanized Open Hearth Steel or Terne Plate of any standard weight of coating.

Necessary Trimmings such as Terminals, Finials, Special Valley, Special Ridge Roll, etc., furnished. Send your roof plans for an estimate.



"Chieftain" Metal Shingles



The "Chieftain"

A tile-like pattern giving the artistic effect of clay tile. Size of single Shingle, 10 x 14 inches; 136 Shingles cover one square.




A handsome design for churches, schools and public buildings, also large residences.

The three-point contact side lock makes a water tight roof.



Application of the "Chieftain"

Material.—Galvanized  Galvanized Open Hearth Steel or Terne Plate of any standard weight of coating.

Necessary trimmings such as Terminals, Finials, Special Valley, Special Ridge Roll, etc., furnished. Send your roof plans for an estimate.

**“Ribruff” Shingles**

or Open Hearth Steel—Galvanized or Painted

**“Ribruff” Lap Joint Shingles**

Two tile high, six tile wide. Size of single tile $9\frac{1}{2}$ inches wide by 13 inches high. Size of plate (covering measure), 26 x 57 inches.

The “Ribruff” Sheet Shingles have been produced to meet the demand for a moderate priced metal shingle that gives a better artistic appearance than any other style metal roofing except individual metal shingles and Metal Spanish Tile.

This style roofing can be applied almost as quickly and as easily as corrugated roofing because of the lap joint construction.

The joints are carefully designed to take care of all expansion and contraction and the ribs or waterguards at the top of the sheet make a tight joint that prevents rain or snow from entering.


The “Ribruff” Sheet Shingles are applied like ordinary metal roofing using the regular roofing nail and lead washer and provide a splendid, artistic roofing at a very reasonable cost.

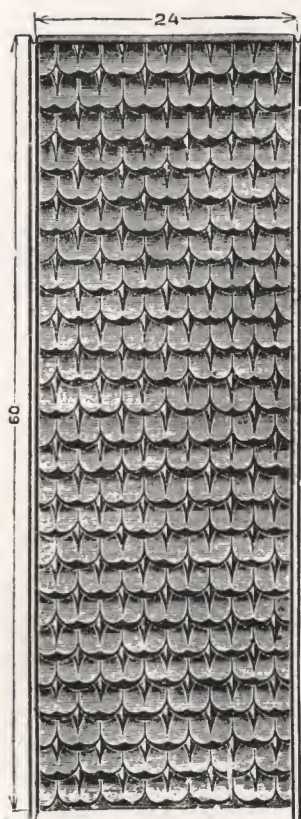
Necessary trimmings such as Terminals, Finials, Special Valley, Special Ridge Roll, etc., furnished. Send your roof plans for an estimate.

Cluster Tiling for Shingles

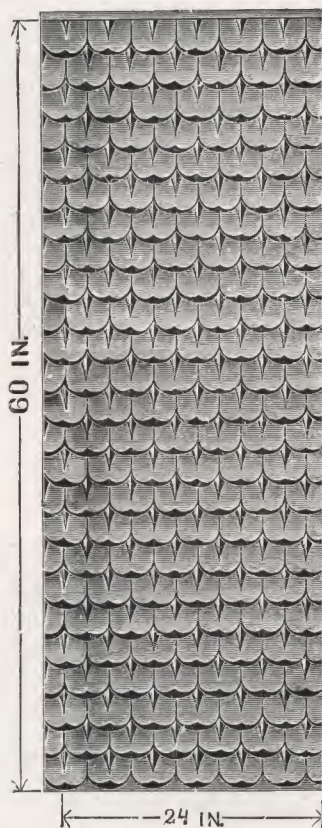
For Roofing, Mansards, Gables and Siding

Attractive in Appearance. Cheap. Durable

Galvanized  or Open Hearth Steel



No. 988



No. 989

No. 988 shows Cluster Shingle, with pressed standing seam edges, applied with cleat.

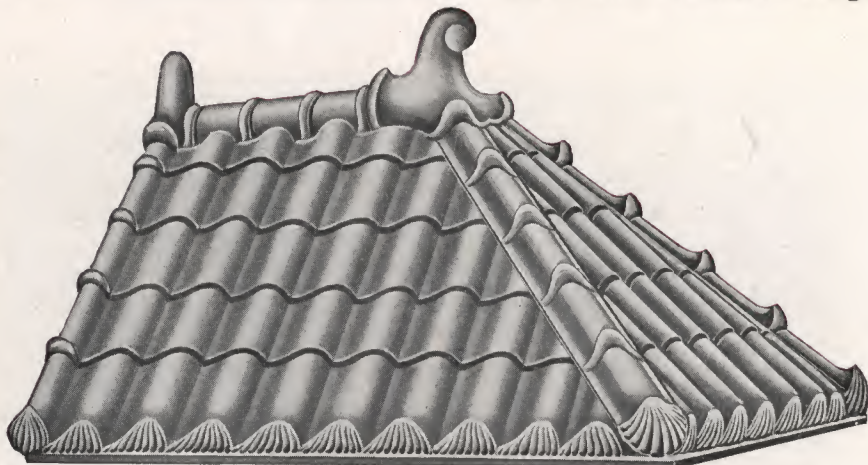
No. 989 shows Cluster Shingle in sheets, which is especially adapted to gables, mansards and siding. The side lap is made by lapping one-half of a shingle and when properly nailed is perfectly water-tight.

These sheets are furnished in 5, 6, 7, 8, 9 and 10 ft. lengths. Covering width 24 inches.



Berger Metal "Spanish" Tile Roofing

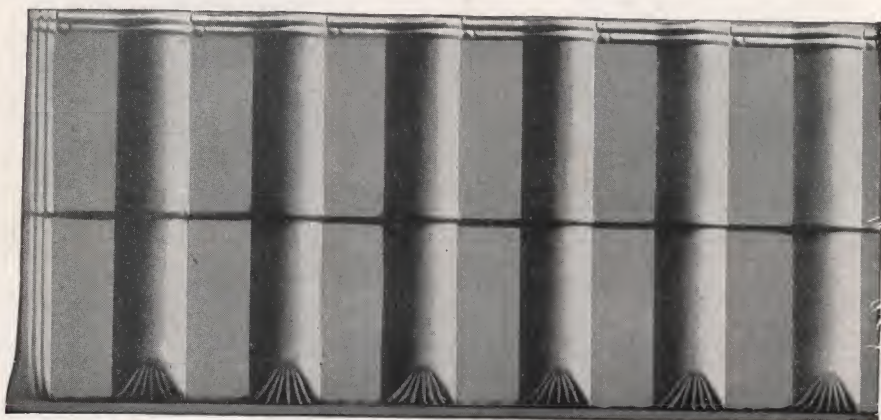
A Perfect Imitation of Spanish Tile in Clay with a Reduced Weight



Complete Spanish Tile Roof Showing Tile and Trimmings

A bolder design than can be produced in Metal Shingles and an actual reproduction of Clay Tile Roofing.

Consider the saving of labor cost in the application of 14 2-5 sheets to cover 100 square feet on the roof. A sheet shows twelve tile in one, or two tile high and six tile wide, each tile measuring $7\frac{3}{4} \times 10\frac{3}{4}$ inches. This size is equally desirable for residences and public buildings.



No. 4997—Eave Course Tile—Twelve Tile in One Plate

Size of single tile, $7\frac{3}{4} \times 10\frac{3}{4}$ inches; depth, $1\frac{3}{8}$ inches.

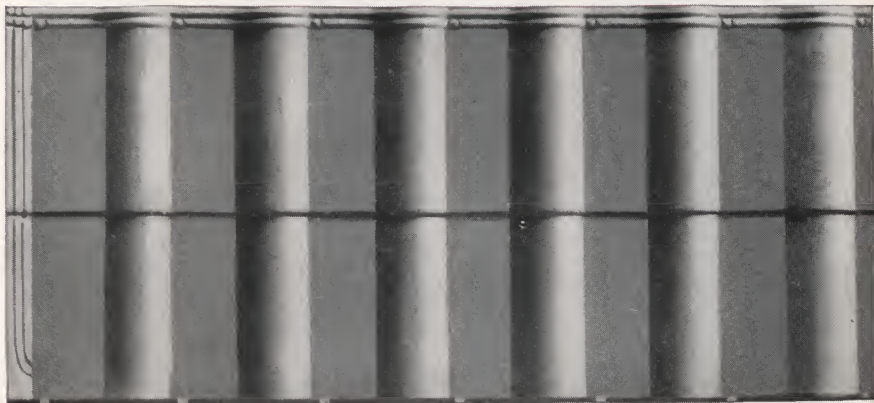
Size of plate (covering measure), $46\frac{1}{2} \times 21\frac{1}{2}$ inches.

Necessary trimmings such as Terminals, Finials, Special Valley, Special Ridge Roll, etc., furnished. Send your roof plans for an estimate.



Berger Metal "Spanish" Tile Roofing

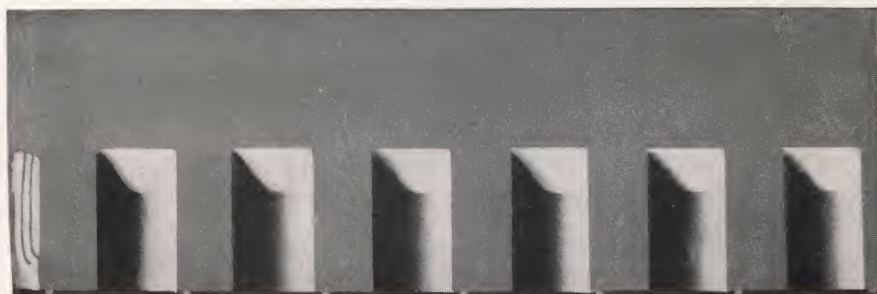
A Perfect Imitation of Spanish Tile in Clay with a Reduced Weight



No. 4996—Main Tile—Twelve Tile in One Plate

Size of single tile, $7\frac{3}{4} \times 10\frac{3}{4}$ inches; depth, $1\frac{3}{8}$ inches.

Size of plate (covering measure) $46\frac{1}{2} \times 21\frac{1}{2}$ inches.



No. 4995—Ridge Finished Tile—Six Tile in One Plate

Size single tile, $7\frac{3}{4} \times 8$ inches; depth, $1\frac{3}{8}$ inches; extension, $2\frac{1}{2}$, 5 and 8 inches wide. Total widths, $10\frac{1}{2}$, 13 or 16 inches \times $46\frac{1}{2}$ inches long.

Berger's patented construction fully provides for expansion and contraction, and the side and end water guards insure a tight roof as well as simplicity of application.

Necessary trimmings such as Terminals, Finials, Special Valley, Special Ridge Roll, etc., furnished. Send your roof plans for an estimate.



Berger's Hand-Made Terne Roofing Plates



Guaranteed Rehammered Charcoal Iron Plates 10 lb., 15 lb., 25 lb., 40 lb. coating. Hand Dipped by Palm Oil Process.

"Star Spangled" Terne Plate

Guaranteed for 25 Years

40-lb. coating on a pure Rehammered Knobbled Charcoal Iron Base—Palm Oil Hand Dipped Process. Year of production on each sheet. Complete information furnished upon request.

Government Specification Terne Plate

Made in accordance to Government specifications.

Fire Door Terne Plate

For standard fire doors. Guaranteed to conform to the specifications of the National Board of Fire Underwriters.

Special Hand Made Plates

"Hy-Mark," 40-lbs. coating. Resquared.

"Tuscora" 25-lbs. coating. Resquared.

Extra Soft Open Hearth Base—Hand Dipped by Palm Oil Process. Positively the highest grade plates made with Open Hearth Steel Base.



Berger's Terne Roofing Plates

Thickness and Weight of Coating Stamped on Every Sheet



Made in IC and IX Weights. Open Hearth Steel Base.

"Berger's Guaranteed Old Style" 40 lb. coating, resquared.

"Berger's Old Method" 35 lb. coating, resquared.

"Berger's Old Process" 30 lb. coating, resquared.

"Berger's Emperor Old Style" 25 lb. coating, resquared.

"Berger's Extra Coated" 20 lb. coating, resquared.

"Berger's Wonder Old Style" 15 lb. coating.

"Berger's Redipped" 12 lb. coating.

"Berger's Stark" 10 lb. coating.

"Berger's Pleader" 8 lb. coating.

The value of a roofing plate is established by the quality of the material, both the base and coating, and process of manufacture.

We guarantee that the coating on each brand of our roofing plates is as evenly distributed as is possible to accomplish by modern practice.

Every argument is in your favor if you use Berger's high-grade Terne Roofing Plates. Their excellent Open Hearth Steel Base provides unexcelled working qualities.



Berger's Roofing Tin in Continuous Rolls



These rolls are shipped in patented packages which insure their safe transportation.

Every roll is ready to apply when received.

Furnished in IC or IX.

Any standard weight of coating desired. In rolls of 100 square feet.

14 inch wide, length of roll $85\frac{3}{4}$ feet.

20 inch wide, length of roll 60 feet.

28 inch wide, length of roll 43 feet.

Also will put up in rolls of 50 or 100 lineal feet.

Furnished either with single cross locks soldered, or with double cross locks not soldered.

Painted on one side or both sides, or not painted as ordered.

Berger's Solder



We furnish Strictly Half and Half Solder at lowest market price.

We use immense quantities of this in our own work and guarantee satisfaction.

BERGER'S STRICTLY $\frac{1}{2}$ & $\frac{1}{2}$, 50 x 50

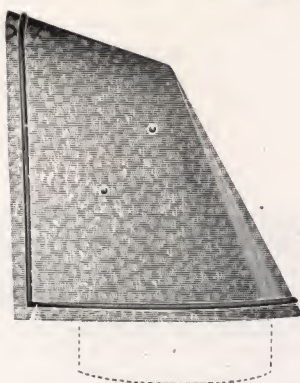


Reliance Rotary Chimney Top

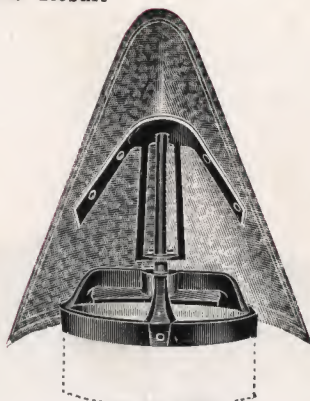
Patented



Doing the Work—Note the Result



Side View



Front View

The pivot movement insures positive and instant action.

The Reliance never fails to do the work for which it is designed.

The Reliance gives the utmost limit of service and has proven best in competitive test.

Flue Diameter	4 inch	.....	\$1.75 each
Flue Diameter	6 inch	.....	2.10 each
Flue Diameter	7 inch	.....	2.30 each
Flue Diameter	8 inch	.....	2.60 each
Flue Diameter	9 inch	.....	2.90 each
Flue Diameter	10 inch	.....	3.40 each
Flue Diameter	12 inch	.....	4.40 each

Push the sale of Reliance Chimney Tops, and make money.


By selling them you will give satisfaction to your customers and build a reputation.

Prices on original Berger and Power's Mountings quoted on application.

Boxing—The quantity shipped governs the cost of boxing which is charged extra.



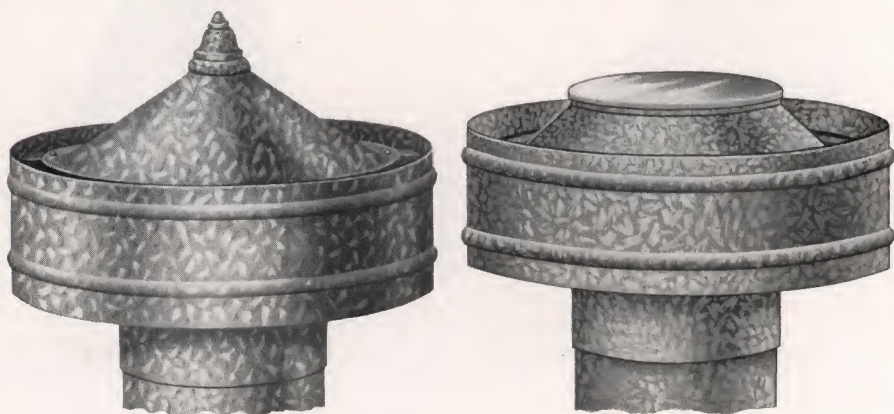
World Ventilators

Galvanized  or Open Hearth Steel



The Importance of Proper Ventilation.—The proper ventilation of mills, workshops, and public or private buildings of all types is of such importance that it demands the most careful and thorough consideration.

An abundant supply of fresh air is absolutely essential to good health both in the home and in the workroom. Without sufficient and proper ventilation in buildings where a large number of people are employed, the atmosphere becomes polluted with gases. The impure air produces drowsiness in the employees and the quantity and quality of their work is greatly lowered.



THE "WORLD"

Made with either Metal Hoods or Glass Tops. Built on Scientific Principles.
Mechanically Perfect

Perfect ventilation requires the circulation of a large volume of air at a low velocity, in order to avoid dangerous and objectionable drafts. Hot air, gases, and vapors naturally rise, so a good ventilating system requires suitable openings in the ceiling or roof to carry off the impurities, and other openings in the floor or near the floor level to admit fresh air. These openings must be adjustable and under perfect control, and the outlets must operate in such a way that even when partially closed there is no interference in the free passage of the impure air.



World Ventilators



The World Ventilators are designed in accordance with the most advanced scientific principles of up-to-date ventilating. They carry the impure air, smoke or gases out of the building automatically. They keep in motion at a low velocity large volumes of air without lowering the temperature or causing objectionable drafts. They are made in a great variety of sizes, suitable for the largest factories or for private dwellings. Their appearance is highly artistic, and they will prove an ornament to any building.

The World Ventilators are constructed on the old, reliable butterfly principle—a design that time has demonstrated as the most satisfactory and practical—not only for ventilation but for many other mechanical uses. A special adjusting attachment insures this damper being held rigidly in any position, and prevents movement of the damper by air currents.



The World Ventilator with
Glass Top



The World Ventilator with
Metal Hood

Price List

Size	2 in.	2½ in.	2¾ in.	3 in.	3½ in.	4 in.	4½ in.	5 in.	5½ in.	6 in.	7 in.	8 in.	9 in.
Price	\$1.00	1.00	1.00	1.50	1.50	1.75	2.00	2.50	2.85	3.40	4.00	4.65	5.20
Size	10 in.	12 in.	14 in.	16 in.	18 in.	20 in.	24 in.	30 in.	36 in.	40 in.	48 in.	60 in.	72 in.
Price	\$5.75	6.75	13.00	20.00	27.00	33.00	40.00	65.00	120.00	180.00	240.00	360.00	470.00

The quantity shipped governs the cost of crating which is charged extra.



Anchor-Bar Skylights



No. 879

Daylighting Interiors is the Greatest Economy

Daylight is better than artificial light, and it is cheaper. It affords better opportunity for quantity and quality of work. Sunlight and fresh air are invigorating and as a result workmen are more active, industrious and efficient.

Increased output from higher efficiency means a lower cost of production. Light is an essential to accurate work, which is paramount in a product of high quality. Berger's Anchor-Bar Skylight is a construction for maximum daylight, and ventilation is provided for in the manner as shown.


Our engineers are at the disposal of interested parties, and when our standard designs are not applicable we will work out the problem for best results obtainable.

Highest efficiency at lowest cost in daylighting dark places is offered by the Anchor-Bar Skylights.

We estimate Skylights for saw-tooth buildings from plans and specifications only.



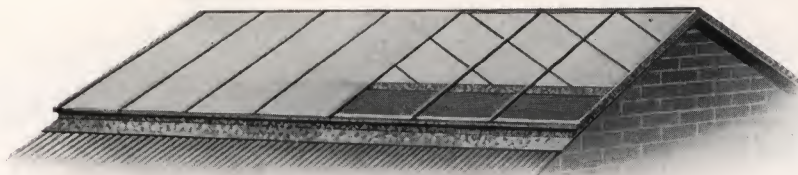
Anchor-Bar Galvanized Skylights

Galvanized  or Open Hearth Steel



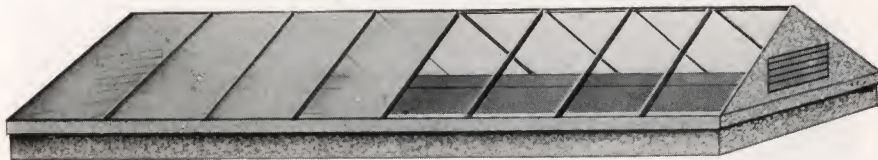
No. 880

SINGLE PITCH—Is hinged when required and used as a scuttle. Wood curb not furnished.



No. 880—A

Consists of two No. 880 Skylights, on opposite sides of roof, with a ridge connection for which there is no extra charge.




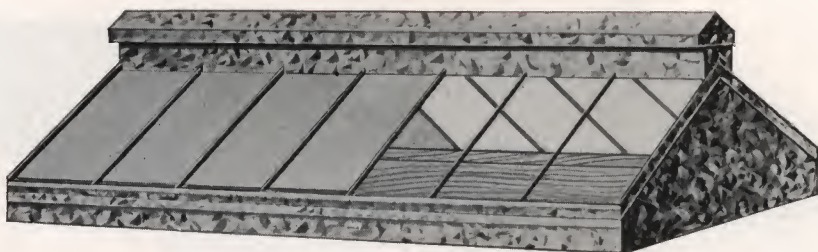
No. 881

DOUBLE PITCH—Has stationary Louvre Ventilator on each end.



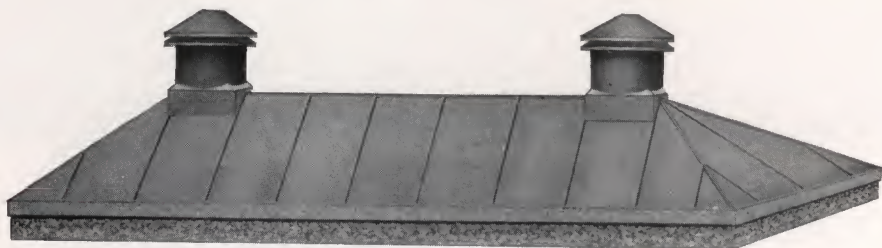
Anchor-Bar Galvanized Skylights

Galvanized  or Open Hearth Steel



No. 881—A

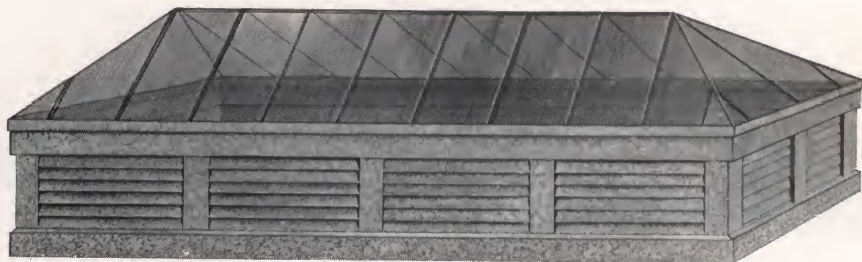
DOUBLE PITCH—Has stationary Ventilator on the ridge.



No. 882

HIPPED SKYLIGHT—With Tubular Ventilators.

The size and number of Tubular Ventilators is determined by the size of the Skylight.



No. 883

HIPPED TURRET SKYLIGHT—With Stationary Louvre Ventilators on side and end.



No. 884

HIPPED TURRET SKYLIGHT—With Ridge Ventilator and Movable Side Sashes, with Locking Apparatus.

Price List of Skylights

Size from out to out of curb	Single Pitch No. 880	Double Pitch No. 881	Double Pitch No. 881-A	Hipped No. 882	Hipped Turret No. 883	Hipped Turret No. 884
3 x 3 ft.	\$ 6.00	\$11.00	\$12.00	\$15.00	\$ 28.00	\$ 35.00
3 x 4 ft.	7.00	12.00	13.00	17.00	31.00	40.00
3 x 5 ft.	8.50	14.00	15.00	19.00	34.00	43.00
3 x 6 ft.	9.50	16.00	17.00	20.50	36.00	46.00
4 x 4 ft.	8.50	15.00	16.00	20.50	36.00	44.00
4 x 5 ft.	10.00	16.50	17.50	23.50	38.00	50.00
4 x 6 ft.	11.50	19.00	20.00	26.50	42.00	55.00
4 x 8 ft.	15.00	22.00	23.00	32.00	48.00	61.00
5 x 8 ft.	18.00	26.00	27.00	39.00	54.00	67.00
5 x 10 ft.	21.00	34.00	34.00	46.00	60.00	77.00
6 x 8 ft.	22.00	32.00	33.00	44.00	60.00	75.00
6 x 10 ft.	26.00	37.00	38.00	50.00	66.00	86.00
6 x 12 ft.	31.00	48.00	49.00	54.00	81.00	106.00
6 x 14 ft.	35.00	52.00	53.00	60.00	100.00	128.00
8 x 10 ft.	36.00	50.00	51.00	58.00	98.00	124.00
8 x 12 ft.	42.00	60.00	60.00	68.00	110.00	140.00
8 x 14 ft.	48.00	66.00	66.00	76.00	130.00	166.00

PRICES include ¼-inch Ribbed Glass. Can furnish with common skylight glass or Mississippi wired glass, charging difference in price.


For sizes not given above use next higher list.

Skylight frames are crated, and the glass is boxed—shipped in separate cases.

For a quantity of skylight, when complete specifications are submitted, special prices will be quoted.



Berger's Eaves Trough

Galvanized  or Open Hearth Steel

Made in 10-Foot Lengths

List Prices Per Foot. Minimum Weight Per 100 Lineal Feet

Toncan Metal is not furnished lighter than No. 28 gauge.

No. 29 and 28 gauge, made in 10-foot lengths. No. 27 gauge and heavier, made in 8- and 10-foot lengths. No. 30 and 27 gauge, not carried in stock and we recommend the use of the next heavier gauge.




Single Bead Lap Joint Eaves Trough

Gauge	Ounces Per Sq. Foot	Sizes of Trough, inches Sizes of Beads, inches..	3	3½	4	4½	5	6	7	8	9	10
			½	½	½	½	½	½	¾	¾	¾	¾
30	10½	List	\$0.12½	.13½	.15½	.17½	.18½	.22	.26	.30	.35	.39
		Weight, lbs.....	32	37	42	48	53	64				
29	11½	List .....	.13	.14	.16	.18	.19	.23	.27	.31	.36	.40
		Weight, lbs.....	35	40	46	52	58	70				
28	12½	List .....	.15	.16	.18	.20	.21	.25	.30	.34	.38	.42
		Weight, lbs.....	38	44	50	57	63	76				
27	13½	List .....	.17	.18	.20	.22	.23	.28	.32	.37	.42	.46
		Weight, lbs.....	41	48	54	61	68	82				
26	14½	List .....	.19	.20	.22	.24	.25	.30	.35	.40	.45	.50
		Weight, lbs.....	44	51	58	66	73	88				
24	18½	List .....	..	..	.28	.30	.31	.37	.44	.50	.56	.62
		Weight, lbs.....	..	..	75	84	93	112				



Double Bead Lap Joint Eaves Trough


Gauge	Sizes of Trough, inches Sizes of Beads, inches..	3	3½	4	4½	5	6	7	8	9	..
		½	½	½	½	½	½	¾	¾	¾	..
30	List	\$0.15½	.16½	.18½	.20½	.21½	.25	.29	.33	.38	.42
29	List .....	.16	.17	.19	.21	.22	.26	.30	.34	.39	.43
28	List .....	.18	.19	.21	.23	.24	.28	.33	.37	.41	.45
27	List .....	.20	.21	.23	.25	.26	.31	.35	.40	.45	.49
26	List .....	.22	.23	.25	.27	.28	.33	.38	.43	.48	.53
24	List .....	..	..	.31	.33	.34	.40	.47	.53	.59	.65

Always state whether Slip or Lap Joint is wanted. Slip Joint Single Bead will be shipped unless otherwise ordered. Galvanized Steel will be shipped unless galvanized  is ordered.

Prices on heavier gauges and special sizes, also Copper Trough quoted on application with specifications.



Berger's Eaves Trough

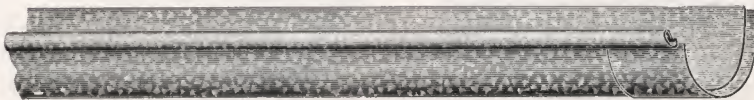
Galvanized  or Open Hearth Steel

Made in 10-Foot Lengths

List Prices Per Foot. Minimum Weight Per 100 Lineal Feet

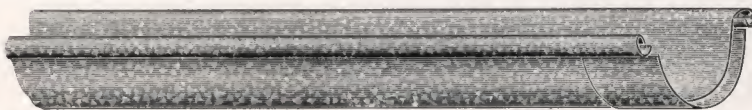
Tongcan Metal is not furnished lighter than No. 28 gauge.

No. 29 and 28 gauge, made in 10-foot lengths. No. 27 gauge and heavier, made in 8-foot lengths.




Single Bead Slip Joint Eaves Trough

Gauge	Ounce Per Sq. Foot	Sizes of Trough, inches	3	3½	4	4½	5	6	7	8	9	10
30	10½	List	\$0.13½	.14½	.16½	.18½	.19½	.24	.28	.32	.37	.41
		Weight, lbs.....	.32	.38	.43	.49	.54	.65				
29	11½	List .....	.14	.15	.17	.19	.20	.25	.29	.33	.38	.42
		Weight, lbs.....	.35	.41	.47	.53	.59	.71				
28	12½	List .....	.16	.17	.19	.21	.22	.27	.32	.36	.40	.44
		Weight, lbs.....	.39	.45	.52	.58	.65	.78				
27	13½	List .....	.18	.19	.21	.23	.24	.30	.34	.39	.44	.48
		Weight, lbs.....	.42	.49	.56	.63	.70	.84				
26	14½	List .....	.20	.21	.23	.25	.26	.32	.37	.42	.47	.52
		Weight, lbs.....	.45	.52	.60	.67	.75	.90				
24	18½	List .....	..	..	.29	.31	.32	.39	.46	.52	.58	.64
		Weight, lbs.....	..	..	.77	.86	.96	115				




Double Bead Slip Joint Eaves Trough

Gauge	Sizes of Trough, inches	3	3½	4	4½	5	6	7	8	9	10
30	List	\$0.16½	.17½	.19½	.21½	.22½	.27	.31	.35	.40	.44
29	List .....	.17	.18	.20	.22	.23	.28	.32	.36	.41	.45
28	List .....	.19	.20	.22	.24	.25	.30	.35	.39	.43	.47
27	List .....	.21	.22	.24	.26	.27	.33	.37	.42	.47	.51
26	List .....	.23	.24	.26	.28	.29	.35	.40	.45	.50	.55
24	List .....	..	..	.32	.34	.35	.42	.49	.55	.61	.67

 We strongly recommend the use of nothing lighter than No. 28 gauge material. The List Prices and Minimum Weights are given so that the buyer may know the comparative cost and weight of the different gauges of Eaves Trough.



Berger's Combination Roof Gutter

Galvanized  or Open Hearth Steel

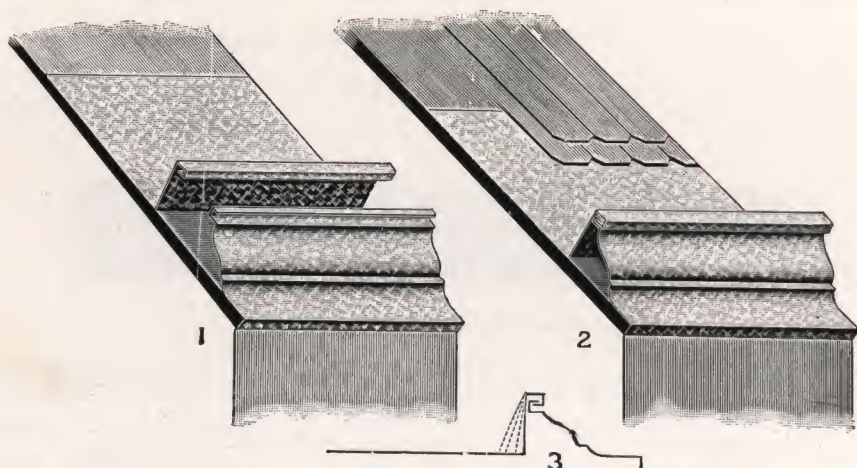


Fig. 1 shows Face Moulding to which Gutter is to be attached.

Fig. 2 shows Face Moulding and Gutter locked together and in position.

Fig. 3 shows different positions of Gutter Apron to give the required fall.

To give the required fall, draw the Gutter Apron up on the roof, as shown in sectional view (Fig. 3).

Sizes and List Prices Per Lineal Foot. 8 and 10 Foot Lengths.

Girth, Inches	15	18	20	24	28	30
Face Apron, Inches	1½	2	2½	3	5	5
Depth, Inches	2	2½	2¾	3½	3¾	4
Gutter Apron, Inches	6	6¾	8½	9½	11½	12¼
29 Gauge	\$0.37	.45	.50	.60	.70	.75
28 Gauge .....	.39	.49	.54	.64	.74	.79
27 Gauge .....	.41	.53	.58	.68	.78	.83
26 Gauge .....	.43	.57	.62	.72	.82	.87
24 Gauge .....	.61	.69	.74	.84	.94	.99

No Hangers or Braces required.


Galvanized Steel will be shipped unless galvanized Toncan Metal is ordered.



is not furnished lighter than No. 28 gauge.

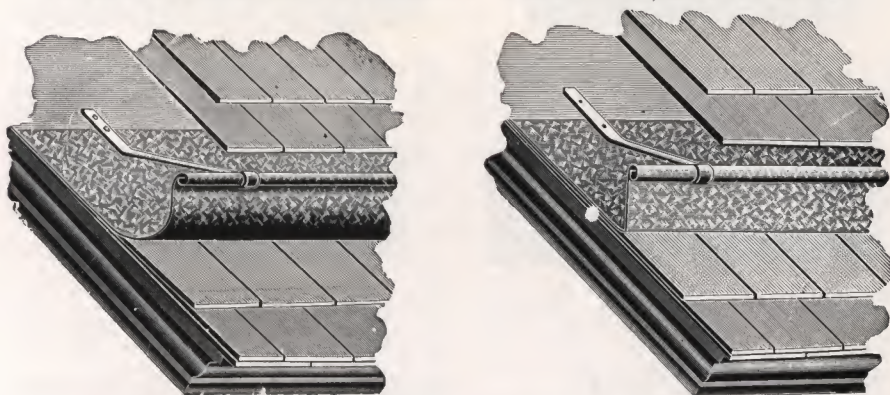


Berger's Plain Roof Gutters

Galvanized  or Open Hearth Steel

The following illustrations show two styles, "A" and "B," Roof Gutters. The hangers are applied in such a manner as to leave no exposed nail or screw heads, therefore, there can be no leaks from splitting or nail holes.

Girths and Depths Shown are Standard. Other Girths Listed are Special.



Style A

Girth, 14 inches; $\frac{5}{8}$ -inch Bead; Depth, 4 inches.
Girth, 20 inches; $\frac{5}{8}$ -inch Bead; Depth, 5 inches.
Girth, 24 inches; $\frac{5}{8}$ -inch Bead; Depth, 6 inches.



Style B

Girth, 15 inches; $\frac{5}{8}$ -inch Bead; Depth, $4\frac{1}{4}$ inches.
Girth, 20 inches; $\frac{5}{8}$ -inch Bead; Depth, $5\frac{1}{4}$ inches.
Girth, 24 inches; $\frac{5}{8}$ -inch Bead; Depth, $6\frac{1}{4}$ inches.

Price List Per Lineal Foot

Made in 8 and 10-foot lengths.


Girth, inches	14	15	18	20	24	26	28	30
29 Gauge	\$.035	.37	.45	.50	.60	.65	.70	.75
28 Gauge	.37	.39	.49	.54	.64	.69	.74	.79
27 Gauge	.39	.41	.53	.58	.68	.73	.78	.83
26 Gauge	.41	.43	.57	.62	.72	.77	.82	.87
24 Gauge	.59	.61	.69	.74	.84	.89	.94	.99

Hangers for A and B Gutter; each, net.....\$0.03

Galvanized Steel will be shipped unless Galvanized Toncan Metal is ordered.
Toncan Metal is not furnished lighter than No. 28 gauge.



Berger's Quarter Circle, O. G. and Box Gutters

Galvanized  or Open Hearth Steel

Style C

Size, 4-in.	2¾ in. deep;	10½-in. girth
Size, 5-in.	3½ in. deep;	12 -in. girth
Size, 6-in.	4 in. deep;	14 -in. girth
Size, 7-in.	4½ in. deep;	16 -in. girth



Style D

Size, 5-in.	3½ in. deep;	15-in. girth
Size, 6-in.	4 in. deep;	18-in. girth
Size, 7-in.	5 in. deep;	20-in. girth
Size, 8-in.	5¾ in. deep;	22-in. girth



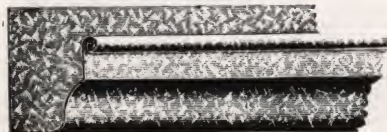
Style E

Size, 5-in.	3½ in. deep;	14-in. girth
Size, 6-in.	4½ in. deep;	15-in. girth
Size, 7-in.	5½ in. deep;	18-in. girth
Size, 8-in.	7 in. deep;	22-in. girth



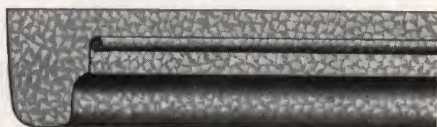
Style F

Size, 5-in.	4 in. deep;	15-in. girth
Size, 6-in.	5½ in. deep;	18-in. girth
Size, 7-in.	5¾ in. deep;	20-in. girth
Size, 8-in.	6 in. deep;	22-in. girth



Style G

Size, 3-in.	2¾ in. deep;	10 -in. girth
Size, 4-in.	3¾ in. deep;	13½-in. girth
Size, 5-in.	4 in. deep;	15 -in. girth
Size, 6-in.	5½ in. deep;	18 -in. girth
Size, 7-in.	6½ in. deep;	20 -in. girth
Size, 8-in.	7 in. deep;	22 -in. girth



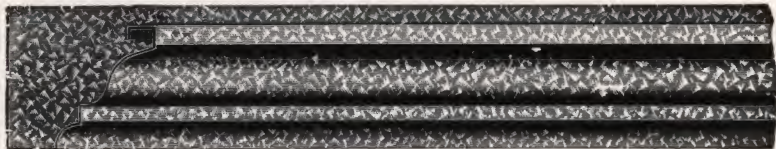
Style H

Size, 5-in.	3½ in. deep;	12-in. girth
Size, 6-in.	4 in. deep;	14-in. girth
Size, 7-in.	4¾ in. deep;	16-in. girth
Size, 8-in.	5½ in. deep;	18-in. girth

PRICE LIST PER LINEAL FOOT FOR "C," "D," "E," "F," "G," "H,"

IN 8 AND 10-FOOT LENGTHS

Girth, inches	10	12	14	15	16	18	20	22	24	26	28	30
29 Gauge	\$0.25	.30	.35	.37	.40	.45	.50	.55	.60	.65	.70	.75
28 Gauge	.27	.32	.37	.39	.44	.49	.54	.59	.64	.69	.74	.79
27 Gauge	.29	.34	.39	.41	.48	.53	.58	.63	.68	.73	.78	.83
26 Gauge	.31	.36	.41	.43	.52	.57	.62	.67	.72	.77	.82	.87
24 Gauge	.49	.54	.59	.61	.64	.69	.74	.79	.84	.89	.94	.99




Style J	Size, 4-in.	3¾ in. deep;	12-in. girth	Size, 7-in.	6½ in. deep;	20-in. girth
	Size, 5-in.	4¾ in. deep;	15-in. girth	Size, 9-in.	8 in. deep;	24-in. girth
	Size, 6-in.	5¾ in. deep;	18-in. girth			

PRICE LIST PER LINEAL FOOT, STYLE "J," IN 8 AND 10-FOOT LENGTHS


Girth, inches	10	12	14	15	16	18	20	22	24	26	28	30
29 Gauge	\$0.30	.36	.42	.45	.48	.54	.60	.66	.72	.78	.84	.90
28 Gauge	.32	.38	.44	.47	.52	.56	.64	.70	.76	.82	.88	.94
27 Gauge	.34	.40	.46	.49	.56	.62	.68	.74	.80	.86	.92	.98
26 Gauge	.36	.42	.48	.51	.60	.66	.72	.78	.84	.90	.96	1.02
24 Gauge	.64	.60	.66	.69	.72	.78	.84	.90	.96	1.02	1.08	1.14

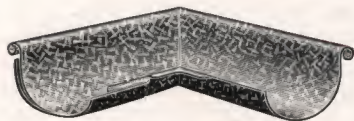
Intermediate Girths take list of next higher Girth. Wider than 30 in. add proportionately to list. Sizes and depths for girths shown above are standard. Other girths are special. Galvanized Steel will be shipped unless galvanized Toncan Metal is ordered.

 is not furnished lighter than No. 28 gauge.

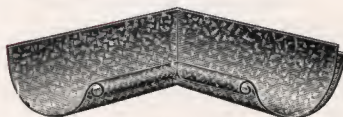


Berger's Eaves Trough Miters

Galvanized  or Open Hearth Steel



Single Bead Outside Miter



Single Bead Inside Miter

When ordering, specify whether Single or Double Bead, whether inside or outside (and whether right or left-hand, when ordering Slip Joint) otherwise half of each, Single Bead, will be shipped. State whether Slip or Lap Joint is desired.

ONE-PIECE, SINGLE BEAD, LAP JOINT, PER DOZ.

Size, inches	3½	4	4½	5	6	7	8
29 Gauge	\$3.25	3.50	4.00	4.00	5.00	6.50	8.00
26 Gauge	4.00	4.25	4.75	4.75	6.00	8.00	9.50

ONE-PIECE, SINGLE BEAD, SLIP JOINT, PER DOZ.

Size, inches	3½	4	4½	5	6	7	8
29 Gauge	\$4.25	4.50	5.00	5.00	6.00	7.50	9.00
26 Gauge	5.00	5.25	5.75	5.75	7.00	9.00	10.50

ONE-PIECE, DOUBLE BEAD, LAP JOINT, PER DOZ.

Size, inches	3½	4	4½	5	6	7	8
29 Gauge	\$4.25	4.50	5.00	5.00	6.00	7.50	9.00
26 Gauge	5.00	5.25	5.75	5.75	7.00	9.00	10.50

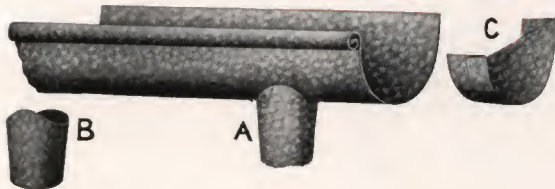
ONE-PIECE, DOUBLE BEAD, SLIP JOINT, PER DOZ.

Size, inches	3½	4	4½	5	6	7	8
29 Gauge	\$5.25	5.50	6.00	6.00	7.00	8.50	10.00
26 Gauge	6.00	6.25	6.75	6.75	8.00	10.00	11.50

One-Piece Miters are carried in stock only in 29 gauge and 26 gauge Steel and 28 gauge and 26 gauge Toncan Metal. For 28 gauge Toncan Metal Miters the 29 gauge Steel List applies.


Two-Piece Miters are special and on application we will quote a discount applicable to above list. For other gauges Two-Piece Miters only are furnished, on which net prices will be quoted.

Berger's Ends and Drops



Made of a 12-inch piece of trough with an outlet to which the drop connection "B" is attached. The end is closed with the slip joint end cap "C," which requires no solder.

End Pieces—Caps and Outlets—Galvanized

Galvanized  or Open Hearth Steel

END PIECES "A" WITH OUTLETS "B" ATTACHED, SINGLE BEAD

Size, Inches	3	3½	4	4½	5	6	7	8
Per Dozen	\$2.50	2.50	2.70	3.00	3.00	3.60	4.00	4.20

END PIECES "A" WITH OUTLETS "B" ATTACHED, DOUBLE BEAD

Size, Inches	3	3½	4	4½	5	6	7	8
Per Dozen	\$3.10	3.10	3.30	3.60	3.60	4.30	4.75	5.00


OUTLETS "B" ONLY.

Size, Inches	2	2½	3	3½	4	4½	5	6
Per Dozen	\$0.80	0.90	1.00	1.10	1.20	1.30	1.30	1.60

SLIP JOINT CAP "C" ONLY

Size, Inches	3	3½	4	4½	5	6	7	8
Per Dozen	\$1.30	1.30	1.50	1.60	1.60	1.90	2.30	2.80

Odd girths not specified take list of next higher girth.

Galvanized Steel will be shipped unless Galvanized  is ordered.



Berger's Galvanized Slip Joint Gutter



or Steel

Table of Net Prices per 100 feet on each size at Various Discounts

SIZE	3 In. Per 100 Ft.	3½ In. Per 100 Ft.	4 In. Per 100 Ft.	4½ In. Per 100 Ft.	5 In. Per 100 Ft.
29 Gauge, List per 100 feet.....	\$14.00	\$15.00	\$17.00	\$19.00	\$20.00
85-25-12½	1.38	1.48	1.67	1.87	1.86
85-25-10	1.42	1.52	1.72	1.92	2.02
85-25-7½	1.45	1.56	1.77	1.98	2.08
85-10-10-10-2½	1.49	1.59	1.81	2.02	2.12
85-25-5	1.50	1.60	1.82	2.03	2.14
85-20-10	1.51	1.62	1.84	2.05	2.16
85-25-2½	1.53	1.64	1.86	2.08	2.19
85-20-7½	1.55	1.66	1.89	2.11	2.22
85-20-5-2½	1.56	1.67	1.90	2.12	2.24
85-10-10-7½	1.57	1.68	1.91	2.13	2.23
85-25	1.58	1.69	1.92	2.14	2.25
85-20-5	1.60	1.71	1.94	2.17	2.28
85-10-10-5	1.62	1.73	1.96	2.19	2.31
85-20-2½%	1.64	1.75	1.98	2.21	2.33
85-10-10-2½	1.66	1.77	2.00	2.23	2.35
85-20	1.68	1.80	2.04	2.28	2.40
85-10-10	1.70	1.82	2.06	2.31	2.43
85-10-5-2½	1.75	1.87	2.12	2.37	2.50
85-15	1.79	1.91	2.17	2.42	2.55
85-10-5	1.80	1.92	2.18	2.44	2.57
85-12½	1.84	1.97	2.23	2.49	2.63
85-10-2½	1.84	1.97	2.24	2.50	2.64
85-10	1.89	2.03	2.30	2.57	2.70
85-7½	1.94	2.08	2.36	2.64	2.78
85-5 or 80-25-5	1.99	2.14	2.42	2.71	2.85
80-20-10	2.01	2.16	2.45	2.74	2.88
80-10-10-10	2.04	2.19	2.47	2.77	2.92
80-20-5-2½	2.08	2.22	2.52	2.82	2.96
80-25	2.10	2.25	2.55	2.85	3.00
85	2.10	2.25	2.55	2.85	3.00
80-20-5	2.13	2.28	2.58	2.89	3.04
80-10-10-5	2.16	2.31	2.61	2.93	3.08
80-10-10-2½	2.21	2.37	2.68	3.00	3.16
80-20	2.24	2.40	2.72	3.04	3.20
80-10-10	2.27	2.43	2.75	3.08	3.24
80-10-5-2½	2.33	2.50	2.84	3.17	3.33
80-10-5	2.39	2.56	2.91	3.25	3.42
80-10-2½	2.46	2.63	2.98	3.33	3.51
80-10	2.52	2.70	3.06	3.42	3.60
80-5-2½	2.59	2.78	3.15	3.52	3.70
80-5	2.66	2.85	3.23	3.61	3.80
80-2½	2.73	2.92	3.31	3.70	3.90
80	2.80	3.00	3.40	3.80	4.00
75-10-10	2.83	3.03	3.44	3.84	4.05
75-10-5-2½	2.92	3.12	3.54	3.96	4.16
75-15	2.98	3.19	3.61	4.04	4.25
75-10-5	2.99	3.20	3.63	4.06	4.27
75-12½	3.06	3.28	3.72	4.16	4.37
75-10-2½	3.07	3.29	3.72	4.16	4.39
75-10	3.15	3.37	3.82	4.27	4.50
75-7½	3.24	3.47	3.93	4.39	4.62
75-5-2½	3.24	3.47	3.94	4.40	4.63
75-5	3.32	3.56	4.04	4.51	4.75
75-2½	3.41	3.66	4.14	4.63	4.87
75 or 70-12½-5	3.50	3.75	4.25	4.75	5.00
70-15	3.57	3.83	4.34	4.85	5.10
60-25-15	3.57	3.83	4.34	4.85	5.10



Berger's Galvanized Lap Joint Gutter

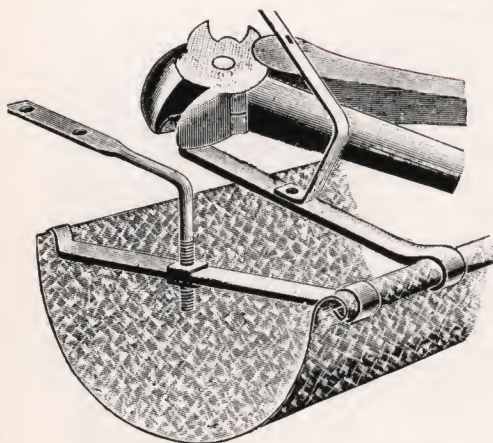


Table of Net Prices per 100 feet on each size at Various Discounts

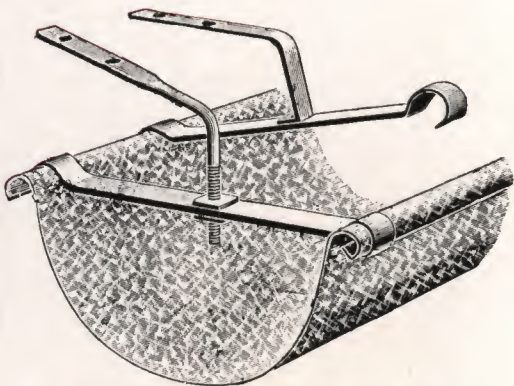
SIZE	3 in. per 100 ft.	3½ in. per 100 ft.	4 in. per 100 ft.	4½ in. per 100 ft.	5 in. per 100 ft.	6 in. per 100 ft.	7 in. per 100 ft.
29 Gauge, List, per 100 ft.	\$13.00	\$14.00	\$16.00	\$18.00	\$19.00	\$23.00	\$27.00
85-25-12½%	1.28	1.38	1.58	1.77	1.87	2.26	2.66
85-25-10	1.32	1.42	1.62	1.82	1.92	2.32	2.73
85-25-7½	1.35	1.46	1.66	1.87	1.98	2.39	2.81
85-10-10-10-2½	1.38	1.49	1.69	1.90	2.02	2.44	2.86
85-25-5	1.39	1.50	1.71	1.92	2.03	2.46	2.89
85-20-10	1.40	1.51	1.73	1.94	2.05	2.48	2.92
85-25-2½	1.42	1.53	1.76	1.97	2.08	2.52	2.96
85-20-7½	1.44	1.55	1.78	2.00	2.11	2.55	3.00
85-20-5-2½	1.45	1.56	1.79	2.01	2.11	2.56	3.02
85-10-10-7½	1.46	1.58	1.80	2.02	2.13	2.58	3.04
85-25	1.46	1.58	1.80	2.03	2.14	2.59	3.04
85-20-5	1.48	1.60	1.82	2.05	2.17	2.62	3.08
85-10-10-5	1.50	1.62	1.84	2.08	2.19	2.65	3.12
85-20-2½	1.52	1.64	1.87	2.11	2.22	2.68	3.16
85-10-10-2½	1.54	1.66	1.89	2.13	2.25	2.72	3.20
85-20	1.56	1.68	1.92	2.16	2.28	2.76	3.24
85-10-10	1.58	1.70	1.94	2.19	2.31	2.79	3.28
85-10-5-2½	1.63	1.75	2.00	2.25	2.37	2.88	3.38
85-15	1.66	1.79	2.04	2.30	2.42	2.93	3.44
85-10-5	1.67	1.80	2.05	2.31	2.44	2.95	3.46
85-12½	1.71	1.84	2.10	2.36	2.49	3.02	3.54
85-10-2½	1.71	1.84	2.11	2.37	2.50	3.03	3.55
85-10	1.76	1.89	2.16	2.43	2.56	3.11	3.65
85-7½	1.80	1.94	2.22	2.50	2.64	3.19	3.75
85-5 or 80-25-5	1.85	1.99	2.28	2.57	2.71	3.28	3.85
80-20-10	1.87	2.01	2.30	2.59	2.74	3.31	3.89
80-10-10-10	1.90	2.04	2.33	2.62	2.77	3.36	3.94
80-20-5-2½	1.93	2.08	2.37	2.67	2.82	3.41	4.00
80-25	1.95	2.10	2.40	2.70	2.85	3.45	4.05
85	1.95	2.10	2.40	2.70	2.85	3.45	4.05
80-20-5	1.98	2.13	2.43	2.74	2.89	3.50	4.10
80-10-10-5	2.00	2.16	2.46	2.77	2.93	3.56	4.15
80-10-10-2½	2.06	2.21	2.53	2.85	3.00	3.64	4.26
80-20	2.08	2.24	2.56	2.88	3.04	3.68	4.32
80-10-10	2.11	2.27	2.59	2.92	3.08	3.73	4.37
80-10-5-2½	2.16	2.33	2.67	3.00	3.17	3.83	4.50
80-10-5	2.22	2.39	2.74	3.08	3.25	3.93	4.62
80-10-2½	2.27	2.46	2.81	3.16	3.33	4.04	4.74
80-10	2.34	2.52	2.88	3.24	3.42	4.14	4.86
80-5-2½	2.41	2.59	2.96	3.33	3.52	4.26	5.00
80-5	2.47	2.66	3.04	3.42	3.61	4.37	5.13
80-2½	2.53	2.73	3.12	3.51	3.70	4.48	5.26
80	2.60	2.80	3.20	3.60	3.80	4.60	5.40
75-10-10	2.63	2.83	3.24	3.64	3.84	4.65	5.46
75-10-5-2½	2.70	2.92	3.33	3.75	3.96	4.79	5.63
75-15	2.76	2.98	3.40	3.83	4.04	4.89	5.74
75-10-5	2.77	2.99	3.42	3.85	4.06	4.91	5.77
75-12½	2.84	3.06	3.50	3.94	4.16	5.03	5.91
75-10-2½	2.85	3.07	3.51	3.95	4.16	5.04	5.92
75-10	2.92	3.15	3.60	4.05	4.27	5.17	6.07
75-7½	3.01	3.24	3.70	4.16	4.39	5.32	6.24
75-5-2½	3.01	3.24	3.70	4.16	4.40	5.32	6.25
75-5	3.09	3.32	3.80	4.27	4.51	5.46	6.41
75-2½	3.17	3.41	3.90	4.39	4.63	5.61	6.58
75 or 70-12½-5	3.25	3.50	4.00	4.50	4.75	5.75	6.75
70-15	3.31	3.57	4.08	4.59	4.85	5.87	6.89
60-25-15	3.32	3.57	4.08	4.59	4.85	5.87	6.89



Imperial Eaves Trough Hangers



Berger's Imperial Hanger, Single Bead



Berger's Imperial Hanger, Double Bead

Above illustrations show the cross bar both with rods and nuts and with straps riveted on.



Unless otherwise ordered, rods will be sent with hangers.



We provide for $\frac{1}{2}$ -inch bead on all sizes up to 6-in. Larger sizes are made for $\frac{3}{4}$ -inch bead unless otherwise ordered.

Single Bead—List Price Per Gross. A Gross to the Box

Size	With Rods and Nuts Price	Weight	With Straps Riveted On Price	Weight	Cross Bars Only Price	Weight	Rods and Nuts Only
3	\$3.75	33 lb.	\$3.50	34 lb.	\$1.50	15 lb.	Assorted,
3½	4.00	33 lb.	3.50	34 lb.	1.75	15 lb.	black,
4	4.25	36 lb.	3.75	35 lb.	2.00	18 lb.	\$2.25
4½	4.35	37 lb.	3.85	36 lb.	2.10	19 lb.	per gross,
5	4.50	38 lb.	4.00	38 lb.	2.25	20 lb.	Weight,
6	5.00	38 lb.	4.50	39 lb.	2.75	20 lb.	18 lb.
7	6.00	40 lb.	5.50	43 lb.	3.75	22 lb.	
8	8.00	45 lb.	7.50	45 lb.	5.75	27 lb.	

Tongs, each\$0.40

Rod Bender75

Double bead, 25 cents per gross advance on above list.

Japaned Hangers always shipped unless Galvanized are specified.

Rods and Nuts oiled, are supplied with Galvanized crossbars.

If all rods or straps are to be 11 inches long, add 75 cents per gross to the list.

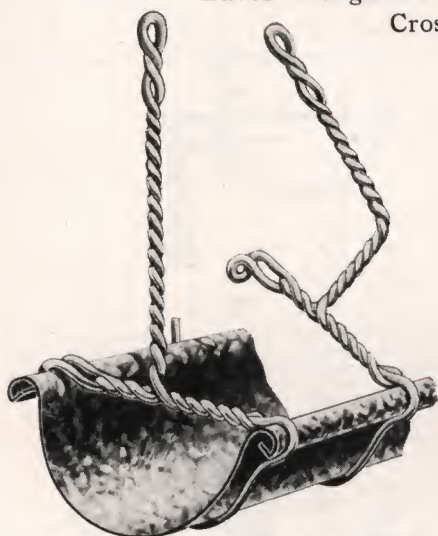
Discount% for Galvanized.

Discount% for Japaned.



Berger's Perfection Wire

Eaves Trough Hangers Triple Twisted
Cross Bar



Application of Single Bead Hanger

List Price Per Gross.

Size	3	3½	4
Single Bead	\$2.75	2.75	2.75
Double Bead	3.00	3.00	3.00
Shipping W'gt, Lbs.	23	24	25

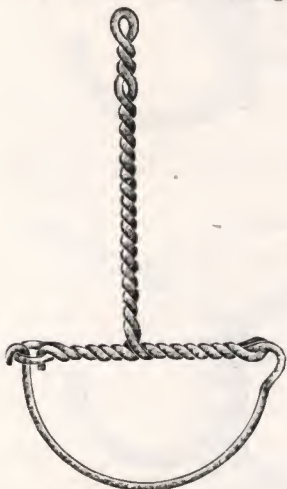
Application of Double Bead Hanger

A Gross to the Box

	4½	5	6	7	8
Single Bead	3.00	3.00	3.50	4.00	4.50
Double Bead	3.25	3.25	3.75	4.25	4.75
Shipping W'gt, Lbs.	26	27	30	34	40

We provide for ½-inch bead on all sizes up to 6-inch. Larger sizes are made for ¾-inch bead unless otherwise ordered.

The 7 and 8-inch Hangers are packed one-half gross to the box.

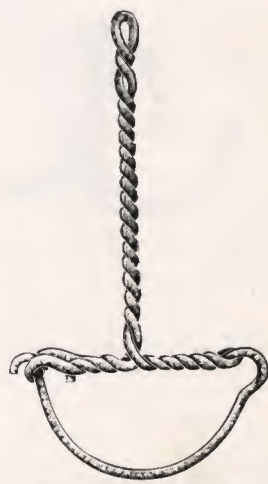


Shows Single Bead

The "Perfection" Wire Hanger is made of the best Galvanized Steel Wire, sufficiently heavy to carry the load. It has maintained an unique place in the trade for over twenty years and has a lasting reputation.

Neat, Durable and
Economical

The Triple Twisted
Cross Bar carries the
load.



Shows Double Bead



Berger's Adjustable Shanks and Circles

Malleable Iron

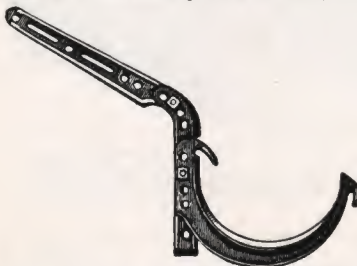
For use on roofs into which it is not desirable to drive nails.

The holes in the circles are arranged so that by adjustment to those on the shank they give a fine uniform fall in the trough.



No. 1

No. 1 shanks are designed for attaching to metal roofs, by bolting through the metal. Adjustable to different pitches of roof.



No. 2

No. 2 shanks are for buildings with exposed rafters. Similar to No. 11 shanks but adjustable to accommodate pitch of roof.



No. 6

No. 6 is made especially to nail against O. G. mouldings. The two stays are made to fit in the cove and can be bent to suit any variation.



No. 7.

No. 7 shanks are made to drive square in the cornice from 3 to 4 inches. The lower prong forms a brace for the upper, and makes it very strong and firm.



No. 8

No. 8 shanks are made to drive from 3 to 6 inches square in the cornice, the lower prong forming a brace for the upper.

This shank is intended for eaves where the shingles or slate project far over the cornice.



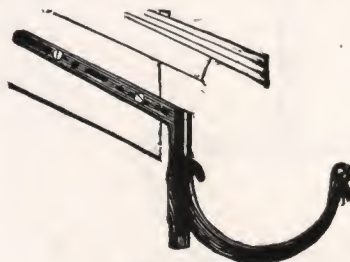
No. 9

No. 9 is to drive with the pitch of the roof. For crooked eaves drive and bolt the shanks to line.



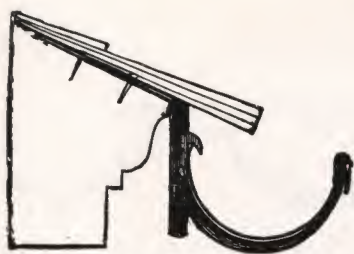
No. 10

No. 10 is made to nail against square box cornices, and is especially adapted to barns, mills and factories.



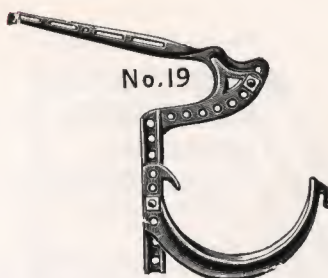
No. 11.

No. 11, for use on exposed rafters. The shank is nailed to the side of rafter, assorting the 4, 6½ and 9-inch shanks to correspond with the amount of fall required.



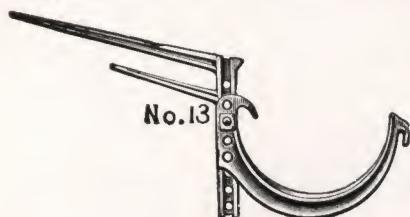
No. 12

No. 12 shanks are made $\frac{1}{4}$ pitch to fasten under the shingles or slate, and are easily bent to more or less pitch. The holes on top of the shank are made beveling, so the nail can be driven at any point and enter the shank.



No. 19

No. 19 is used either on top or under the shingles, and suited for short projections of the shingles over the mouldings.



No. 13

No. 13 drives with the pitch of roof.



No. 20

No. 20 is hinged for any pitch, can be nailed or screwed to various shaped mouldings at any angle desired.

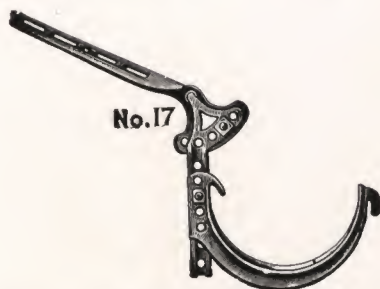


No. 14

No. 14 is made to drive in brick or stone front.

No. 15

No. 15 is same as No. 12; bent for flat roofs.



No. 17

No. 17 is hinged for any pitch.



No. 24

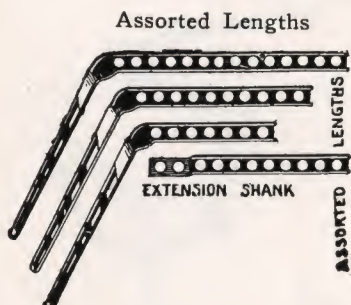
No. 24 is hinged to bolt on corrugated or other iron roofs, for awnings, mills and factories.

Note the Hinge and Circle; both adjust to every $\frac{1}{8}$ of an inch.

No. 25

No. 25 is same as No. 12 but has $\frac{1}{2}$ -inch pitch instead of $\frac{1}{4}$ -inch.

In ordering, be particular to specify whether Plain Black or Tinned are required.



The Gem Circle

The Penn Circle

For Single
Bead TroughFor Double
Bead Trough

All orders are filled with assorted length shanks unless otherwise ordered.

To secure the best results with Berger Eaves Trough and Berger Malleable Iron Circles:

List Prices of Shanks with Bolts, Per 100

	Plain Black	Tinned
No. 2	\$4.00	\$5.00
Nos. 7-9	2.00	2.50
Nos. 8-10-11-13	3.00	3.75
Nos. 6-12-14-15-20-25	3.50	4.40
Nos. 1-17-24	5.00	6.25
No. 19 with bolt for hinge	6.00	7.50
Extension Shank with extra bolt	2.00	2.50

If all long shanks are required, add to the list, per 100, for Nos. 7-8-9-11-12-25,—Plain Black \$1.00,—Tinned \$1.25. For Nos. 6-10, add to the list, per 100,—Plain Black 50c,—Tinned 65c.

List Prices of Gem and Penn Circles with Straps, Per 100

	Plain Black	Tinned
3-3¼-3½-3¾-4 inches	\$2.00	\$2.50
4½-5 inches	3.00	3.75
6-inches	4.00	5.00
7-inches	5.00	6.25
8-inches	6.00	7.50

For 3½-inch trough use 3¼-inch circle
For 4-inch trough use 3¾-inch circle
For 5-inch trough use 5-inch circle
For 6-inch trough use 6-inch circle

Approximate Weights, Per 100 Pieces of Shanks and Circles

Shanks		Gem Circles		Penn Circles	
No.	Lbs.	Ins.	Lbs.	Ins.	Lbs.
2	22½	3	7½	3½	12
6	20	3¼	8½	4	14
7	14½	3½	9½	4½	19
8	18	3¾	12	5	21
9	14	4	13	6	26
10	16	4½	14	7	35
11	20	5	15	8	46
12	25	6	20	...	...
13	18	7	30	...	...
14	21	8	41	...	...
15	25	...	...	...	...
16	28	...	...	...	...
17	34	...	...	...	...
19	38	...	...	...	...
20	19½	...	...	...	...
24	34	...	...	...	...
25	25	...	...	...	...

Shanks and Circles are listed separate for the convenience in arranging list and for those who order assortments not evenly matched.

In ordering, state quantity and number of Shanks, and size of Circle wanted. Also specify whether Plain Black or Tinned are required.

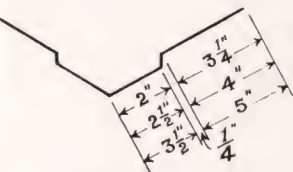
Measurements are taken inside of Trough. In measuring Troughs for Circles, always spread Trough to a true compass inside of bead.



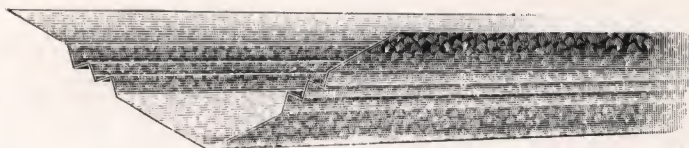
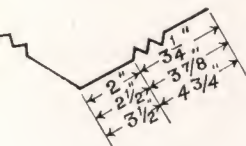
Berger's Formed Valleys

Galvanized  or Open Hearth Steel

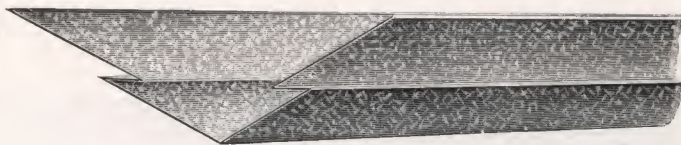
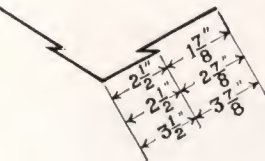
Furnished in 8 and 10-foot lengths.



Style A



Style B



Style C

List Price Per Lineal Foot

Girths, inches	12	14	18	20	24	28	30
29 Gauge	\$0.15	.17½	.23	.25	.30	.35	.37
28 Gauge	.17	.19½	.25	.27	.32	.37	.39
27 Gauge	.19	.21½	.27	.29	.34	.39	.41
26 Gauge	.21	.23½	.29	.31	.36	.41	.43

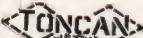
Prices on Galvanized or Tin Valley in Rolls furnished on application.



is not furnished lighter than No. 28 gauge.



Berger's Conductor Pipe

Galvanized  or Open Hearth Steel

No. 29 and 28 gauge, made in 10-foot lengths.

No. 27 gauge and heavier, made in 8 and 10-foot lengths.

Packed in skeleton crates, 250 feet of one size to the crate.

All sizes from 2 to 6 inches can be nested in one crate.

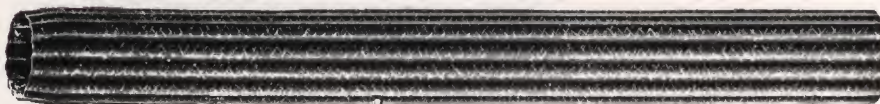
List Prices Per Foot. Minimum Weights Per 100 Lineal Feet

Toncan Metal is not furnished lighter than No. 28 gauge.



Plain Round Pipe

Gauge	Ounces per sq. Foot	Sizes	1½ ins.	2 ins.	2½ ins.	3 ins.	3½ ins.	4 ins.	5 ins.	6 ins.
30	10½	List	\$.10½	.12½	.13½	.14½	.17	.19	.24	.29
		Weight, lbs.	29	37	45	53	61	69	86	102
29	11½	List	.11	.13	.14	.15	.18	.20	.25	.30
		Weight, lbs.	32	40	49	58	67	76	94	111
28	12½	List	.13	.15	.16	.17	.20	.23	.28	.33
		Weight, lbs.	35	44	53	63	73	82	102	121
27	13½	List	.17	.19	.18	.19	.22	.25	.31	.37
		Weight, lbs.	48	58	68	79	90	111	131	151
26	14½	List	.19	.20	.21	.21	.24	.28	.34	.40
		Weight, lbs.	51	63	74	85	96	119	141	161
24	18½	List	.27	.31	.35	.39	.44	.52	.62	.72
		Weight, lbs.	95	109	123	137	152	170	190	210



Round Corrugated Pipe

Gauge	Ounces per sq. Foot	Sizes	2 ins.	3 ins.	4 ins.	5 ins.	6 ins.
30	10½	List	\$.12½	.14½	.19	.24	.29
		Weight, lbs.	42	53	69	86	102
29	11½	List	.13	.15	.20	.25	.30
		Weight, lbs.	47	58	76	94	111
28	12½	List	.15	.17	.23	.28	.33
		Weight, lbs.	51	63	82	102	121
27	13½	List	.17	.19	.25	.31	.37
		Weight, lbs.	55	68	90	111	131
26	14½	List	.19	.21	.28	.34	.40
		Weight, lbs.	59	74	96	119	141
24	18½	List	.27	.31	.35	.44	.52
		Weight, lbs.	95	109	123	152	180



Berger's Conductor Pipe



Square Corrugated Pipe


Gauge	Ounces per sq. Foot	Sizes Corresponding to Round	1 3/4 x 2 1/4 ins.	2 3/8 x 3 1/4 ins.	2 3/4 x 4 1/4 ins.	3 3/4 x 5 ins.
			2 ins.	3 ins.	4 ins.	5 ins.
30	10 1/2	List	\$0.14 1/2	.16 1/2	.21	.26
		Weight, lbs.....	42	55	73	90
29	11 1/2	List .....	.15	.17	.22	.27
		Weight, lbs.....	46	60	80	99
28	12 1/2	List .....	.17	.19	.25	.30
		Weight, lbs.....	50	65	87	107
27	13 1/2	List .....	.19	.21	.27	.33
		Weight, lbs.....	55	71	94	117
26	14 1/2	List .....	.21	.23	.30	.36
		Weight, lbs.....	59	76	101	125
24	18 1/2	List .....	...	.29	.37	.46
		Weight, lbs.....	...	98	130	160

Galvanized Round Corrugated will be shipped unless ordered otherwise.
Galvanized Steel will be shipped unless otherwise specified.

Prices quoted on application, with specifications, for Pipe of 22 gauge, 3-inch size and larger; 20 gauge, 4-inch size and larger; 18 gauge, 5-inch size and larger.


Prices on Copper Pipe quoted on application with specifications.

Can make Special Pipe of any shape and dimension.

 We strongly recommend the use of nothing lighter than No. 28 gauge material. The List Prices and Minimum Weights are given so that the buyer may know the comparative cost and weight of the different gauges of the various sizes of Conductor Pipe.



Galvanized Conductor Pipe

Galvanized  or Open Hearth SteelTable Showing Net Prices Per 100 Feet on Each Size at Various Discounts
Using Plain Round and Round Corrugated Lists

SIZES	1½ in.	2 in.	2½ in.	3 in.	3½ in.	4 in.	5 in.	6 in.
29 Gauge, List..	\$11.00	\$13.00	\$14.00	\$15.00	\$18.00	\$20.00	\$25.00	\$30.00
80-10-10-10-10%	1.44	1.70	1.83	1.96	2.36	2.62	3.28	3.93
80-10-10-10-7½	1.48	1.76	1.89	2.02	2.42	2.67	3.34	4.01
85-10	1.49	1.76	1.89	2.03	2.43	2.70	3.38	4.05
80-10-10-10-5	1.52	1.80	1.94	2.08	2.49	2.77	3.46	4.15
80-10-10-10-2½	1.56	1.83	1.99	2.13	2.55	2.84	3.54	4.25
80-25-5 or 85-5..	1.57	1.85	2.00	2.14	2.57	2.85	3.56	4.27
80-10-10-10	1.60	1.90	2.04	2.19	2.62	2.92	3.64	4.37
80-25	1.65	1.95	2.10	2.25	2.70	3.00	3.75	4.50
80-20-5	1.67	1.98	2.13	2.28	2.74	3.04	3.80	4.56
80-10-10-5	1.69	2.00	2.16	2.31	2.78	3.08	3.85	4.62
80-10-10-2½	1.74	2.06	2.22	2.37	2.85	3.16	3.95	4.74
80-10-10	1.78	2.11	2.27	2.43	2.92	3.24	4.05	4.86
80-10-7½	1.83	2.17	2.33	2.50	3.00	3.33	4.17	5.00
80-10-5	1.88	2.23	2.40	2.57	3.08	3.42	4.28	5.13
80-10-2½	1.93	2.28	2.46	2.64	3.16	3.51	4.39	5.27
80-10	1.98	2.34	2.52	2.70	3.24	3.60	4.50	5.40
80-7½	2.04	2.40	2.59	2.78	3.33	3.70	4.63	5.55
80-5	2.09	2.47	2.66	2.85	3.42	3.80	4.75	5.70
80-2½	2.15	2.54	2.73	2.93	3.51	3.90	4.88	5.85
80	2.20	2.60	2.80	3.00	3.60	4.00	5.00	6.00
75-10-10	2.23	2.63	2.84	3.03	3.65	4.05	5.06	6.07
75-10-5-2½	2.29	2.70	2.93	3.12	3.76	4.16	5.21	6.25
75-15	2.34	2.76	2.98	3.19	3.82	4.25	5.31	6.38
75-10-5	2.35	2.77	3.00	3.20	3.85	4.27	5.34	6.41
75-12½	2.41	2.84	3.07	3.28	3.94	4.37	5.47	6.56
75-10-2½	2.41	2.85	3.08	3.29	3.96	4.39	5.48	6.58
75-10	2.48	2.92	3.15	3.37	4.05	4.50	5.62	6.75
75-7½	2.54	3.01	3.25	3.47	4.17	4.62	5.78	6.94
75-5-2½	2.55	3.01	3.25	3.47	4.18	4.63	5.79	6.95
75-5	2.61	3.09	3.33	3.56	4.27	4.75	5.94	7.12
75-2½	2.68	3.17	3.42	3.66	4.39	4.87	6.09	7.31
75	2.75	3.25	3.50	3.75	4.50	5.00	6.25	7.50
70-15	2.81	3.31	3.57	3.83	4.59	5.10	6.38	7.65
60-25-15	2.81	3.32	3.57	3.83	4.59	5.10	6.38	7.65
70-12½	2.89	3.41	3.68	3.94	4.73	5.25	6.56	7.87
60-25-12½	2.89	3.41	3.68	3.94	4.73	5.25	6.56	7.87
70-10	2.97	3.51	3.78	4.05	4.86	5.40	6.75	8.10
60-25-10	2.97	3.51	3.78	4.05	4.86	5.40	6.75	8.10
70-7½	3.05	3.61	3.88	4.16	5.00	5.55	6.94	8.32
70-5	3.14	3.70	3.99	4.27	5.13	5.70	7.12	8.55
60-25-5	3.14	3.70	3.99	4.27	5.13	5.70	7.12	8.55
70-2½	3.22	3.80	4.10	4.39	5.27	5.85	7.31	8.77
60-25-2½	3.22	3.80	4.10	4.39	5.27	5.85	7.31	8.77
70	3.30	3.90	4.20	4.50	5.40	6.00	7.50	9.00
60-20-5	3.34	3.95	4.26	4.56	5.48	6.08	7.60	9.12
60-20-2½	3.43	4.06	4.37	4.68	5.62	6.24	7.80	9.36
60-20	3.52	4.16	4.48	4.80	5.76	6.40	8.00	9.60
60-15	3.74	4.42	4.76	5.10	6.12	6.80	8.50	10.20
60-12½	3.85	4.55	4.90	5.25	6.30	7.00	8.75	10.50
60-10-2½	3.86	4.56	4.92	5.26	6.32	7.02	8.77	10.53
60-10	3.96	4.68	5.04	5.40	6.48	7.20	9.00	10.80
60-7½	4.07	4.81	5.18	5.55	6.66	7.40	9.25	11.10
60-5	4.18	4.94	5.32	5.70	6.84	7.60	9.50	11.40
60-2½	4.29	5.07	5.46	5.85	7.02	7.80	9.75	11.70
60	4.40	5.20	5.60	6.00	7.20	8.00	10.00	12.00



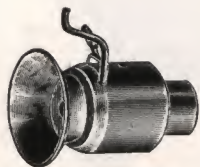
Berger's Speaking Tubes

Made of bright tin plate, lock seamed throughout its entire length.

In 5-foot lengths, 1,000 feet to the crate.



Size 1 inch, per lineal foot 3 cents.



Speaking Tube
Whistle

Speaking Tube Whistles

Porcelain, with indicator, per
dozen \$4.00.

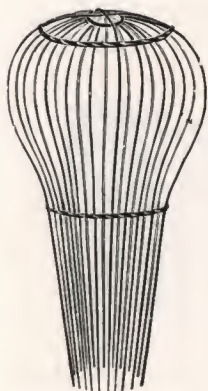
Nickel, with indicator, per
dozen \$6.00.



Speaking Tube Elbows
Tin—90c per Dozen

Berger's Wire Conductor Strainers

Furnished to fit round pipe and are invaluable for keeping obstructions from clogging conductor pipe.



Strainer


List Prices

Conductor Pipe Strainers

2-inch, per dozen.....	\$1.50
3-inch, per dozen.....	2.00
4-inch, per dozen.....	3.00
5-inch, per dozen.....	5.00
6-inch, per dozen.....	6.00



Conductor Pipe Elbows and Shoes

Galvanized  or Open Hearth Steel

Order by pattern number to indicate the angle wanted. All our pipe and elbows are perfectly uniform and true.

Round Corrugated Elbows and Shoes



No. 1—45°



No. 2—60°



No. 3—75°



No. 4 or Shoe—90°

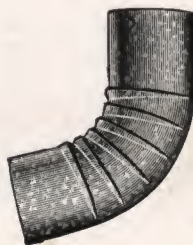
Plain Round Elbows and Shoes



No. 1—45°



No. 2—60°



No. 3—75°



No. 4 or Shoe—90°

List Prices

Round Corrugated and Plain Round Elbows and Shoes

Size	Galv'd Steel		Galv'd Toncan		14-Oz. Copper		16 Oz. Copper	
	Elbows	Shoes	Elbows	Shoes	Elbows No. 0-1-2-3	Shoes and No. 4 Elb's.	Elbows No. 0-1-2-3	Shoes and No. 4 Elb's.
2 -in., each..	\$0.25	.36	.40	.50	.70	.75	.75	.85
2½ -in., each..	.30	.45	.45	.60	.90	1.00	1.00	1.10
3 -in., each..	.30	.45	.45	.60	.90	1.00	1.00	1.10
3½ -in., each..	.60	.75	.75	.90	1.35	1.50	1.50	1.65
4 -in., each..	.60	.75	.75	.90	1.35	1.50	1.50	1.65
5 -in., each..	1.25	1.50	1.20	1.50	2.00	2.25	2.25	2.50
6 -in., each..	1.50	1.80	1.40	1.70	2.85	3.15	3.15	3.50

Specify the number or angle desired, otherwise No. 3 will be furnished. Galvanized Steel will be shipped unless Galvanized Toncan Metal is ordered.



Square Corrugated Elbows



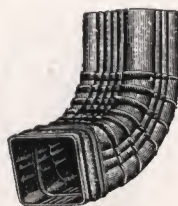
No. 1A—45°



No. 2A—60°



No. 3A—75°



No. 4A—90°

Style A elbows are bent the wide way of the pipe.



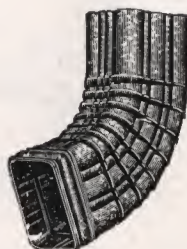
No. 1B—45°



No. 2B—60°



No. 3B—75°



No. 4B or Shoe—90°

Style B elbows are bent the narrow way of the pipe.

List Prices

Square Corrugated Elbows and Shoes

Size	Galv'd Steel		Galv'd Toncan		14-Oz. Copper		16 Oz. Copper	
	Elbows	Shoes	Elbows	Shoes	No. 0-1-2-3	No. 4 Elb's.	No. 0-1-2-3	No. 4 Elb's.
2-in., each....	\$0.40	.48	.60	.72	.85	.90	.90	1.05
3-in., each....	.45	.54	.67	.81	1.10	1.20	1.20	1.35
4-in., each....	.60	.72	.90	1.08	1.60	1.80	1.80	2.00
5-in., each....	.90	1.08	1.35	1.62	2.40	2.75	2.75	3.00

Specify the number or angle desired, otherwise No. 3A will be furnished.

Adjustable Elbows



Price Per Dozen

Sizes	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10
No. 28 Galv'd Steel ..	\$2.40	2.40	3.60	3.60	4.80	6.00	9.00	14.00	16.50	19.00	22.00
Tin	2.00	2.00	2.60	2.60	4.00	5.40	8.00	12.00	14.00	16.00	18.00

Berger's Conductor Pipe Hooks

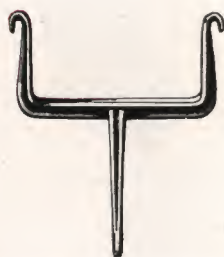
Malleable Iron



Plain Hinged Hooks



Corrugated Hinged Hooks



Square Wired Hooks



Plain Sickle Hooks



Corrugated Sickle Hooks

List Prices and Approximate Weights

Per 100, Tinned

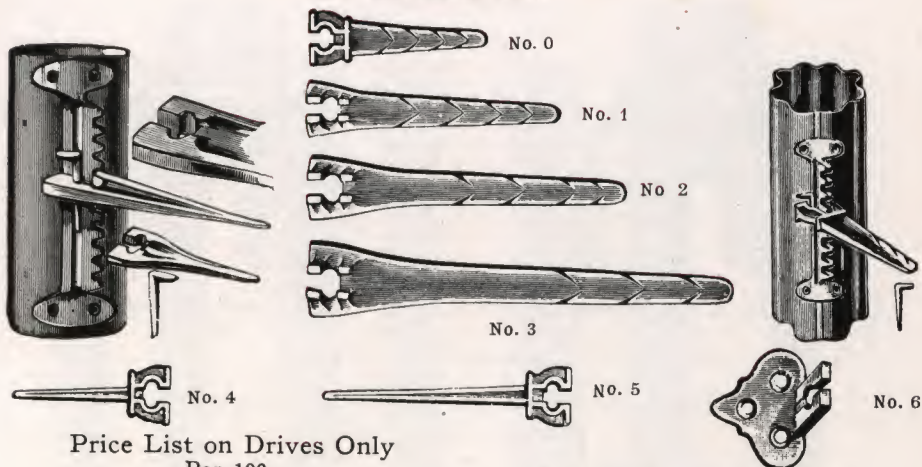
STYLE	Wood or Brick	2 in.		2½ in.		3 in.		4 in.		5 in.		6 in.	
		Price	Wt. Pounds	Price	Wt. Pounds	Price	Wt. Pounds	Price	Wt. Pounds	Price	Wt. Pounds	Price	Wt. Pounds
Plain Hinged Hooks	Wood	\$3.00	13			\$4.00	18	\$5.00	25	\$7.50	34		
	Brick	3.50	15			4.50	19	5.50	27	7.50	40	\$8.50	50
Corrugated Hinged Hooks	Wood	3.00	14			4.00	19	5.00	25	7.50	40		
	Brick	3.50	14½			4.50	20	5.50	27	7.50	44	8.50	52
Plain Sickle Hooks	Wood	1.50	6	\$2.00	7½	2.50	10	3.50	14	5.00	20	6.00	31
	Brick	1.75	9	2.00	11	2.75	12	4.25	21	6.00	26	7.50	41
Corrugated Sickle Hooks	Wood	1.50	10			2.50	13½	3.50	20				
	Brick	1.75	12			2.75	15	4.25	22				
Square Wired Hooks	Wood	2.00	10			2.50	13	3.00	16	3.50	18		
	Brick	2.50	13			3.00	17	3.50	22	4.00	25		

Always state whether hooks are for wood or brick.



Berger's Conductor Pipe Fasteners

Malleable Iron



Price List on Drives Only Per 100

No. 0, for brick, 3-in	\$1.50
No. 1, for brick or stone, 4½-in.	2.00
No. 2, for brick or stone, 6-in... ..	3.00
No. 3, for stone, 9-in	4.50
No. 4, for wood, 3-in	1.50
No. 5, for wood, 5-in	2.00
No. 6, to nail on wood	1.50
Rack and Keys only	2.00
Racks only	1.50
Keys only .....	.50

Approximate Weight per 100 Pieces

No. 0	7½ lbs.
No. 1	9½ lbs.
No. 2	19½ lbs.
No. 3	26 lbs.
No. 4	6½ lbs.
No. 5	7½ lbs.
No. 6	8 lbs.
Racks and Keys	12½ lbs.

Conductor Pipe Fasteners

Rack, Key and Drive Per 100 Sets

No. 0, for brick, 3-in	\$3.50
No. 1, for brick or stone, 4½-in.	4.00
No. 2, for stone, 6-in	5.00
No. 3, for stone, 9-in.	6.50
No. 4, for wood, 3-in	3.50
No. 5, for wood, 5-in	4.00
No. 6, to nail on wood	3.50

Approximate Weight Per 100 Pieces

No. 1, for brick, 4½-in	22 lbs.
No. 2, for stone, 6-in	31 lbs.
No. 3, for stone, 9-in	44 lbs.
No. 4, for wood, 3-in	10 lbs.
No. 5, for wood, 5-in	15 lbs.

Flashing Hooks

Per 100

Inches	1½	2½	3½	5½
Black	\$0.25	\$0.40	\$0.70	\$1.50
Tinned .....	.35	.55	1.00	2.00
Weight, lbs.....	2	3½	5	10

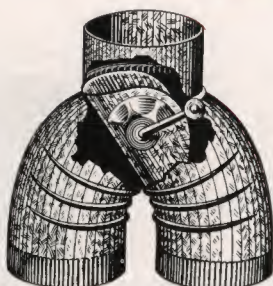
The large size will answer for Square Conductor Pipe.



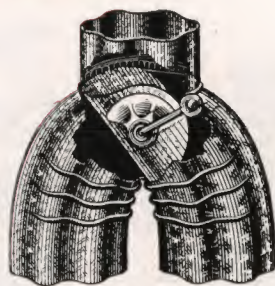
1½" 2½" 3½" 5½"
Flashing Hooks



Berger's Rain Water Cut-Offs



For Plain Round Pipe



For Round Corrugated Pipe

No solder used in their manufacture. Galvanized after formed.

Galvanized or Open Hearth Steel

List Prices Per Dozen

Round Corrugated		Plain Round	
2-inch	\$ 7.50	2 -inch	\$ 7.00
3-inch	8.00	2½-inch	7.50
4-inch	11.00	3 -inch	8.00
5-inch	20.00	3½-inch	11.00
6-inch	24.00	4 -inch	11.00
		5 -inch	20.00
		6 -inch	24.00

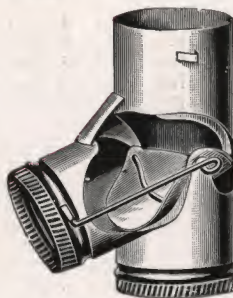
Packed as follows—2 and 4-inch, 1 doz. per crate. 5 and 6-inch, ½ doz. per crate. Not sold in less than crate lots.

"Centennial" Rain Water Cut-Off

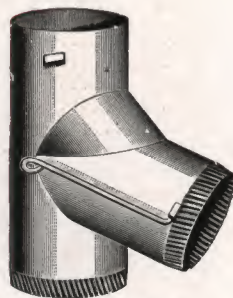
Plain or Corrugated



Left Hand



Sectional View



Right Hand

Put up one dozen in a crate, half right and half left, unless otherwise ordered. The cut-offs can be used in any position without extra pipe or elbows.

List Price Per Dozen

Galvanized Steel

Size Plain Round		Size Round Corrugated	
2-inch No. 30 Gauge	\$ 8.75	2-inch No. 30 Gauge	\$10.00
3-inch No. 30 Gauge	10.00	3-inch No. 30 Gauge	11.00
4-inch No. 28 Gauge	13.75	4-inch No. 28 Gauge	15.00
5-inch No. 28 Gauge	20.00	5-inch No. 28 Gauge	21.25

Galvanized Steel Round Corrugated Cut-offs will be shipped when not otherwise specified.



Berger's Cast Iron Boots and Sewer Connections

For all Standard Shapes and Sizes of Pipe.
Carefully Moulded, Smooth Finished, Carefully Inspected.

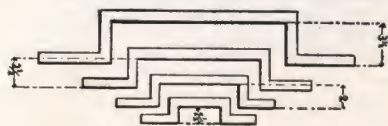


Price List. All 4½ Feet Long

For other than standard lengths figure same rate per foot plus 20 per cent for alteration of patterns.

	No. H & G each	No. D & C each	No. F & E each
3-inch.....	\$3.00	\$3.20	\$3.60 2¾ x 3½ inside top
4-inch.....	3.75	4.20	4.50 3¼ x 4½ inside top
5-inch.....	4.75	5.00	6.00 4½ x 5½ inside top
6-inch.....	5.50	6.00	6.75 5¼ x 6½ inside top

The sizes listed are the sizes to fit standard galvanized conductors.



End view of Brackets, 1½, 2, 2½ and 3 inches from wall.

Styles H, D and F are connection. G, C and E are boots.

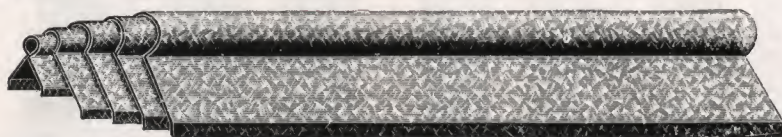


Round Ridge Roll

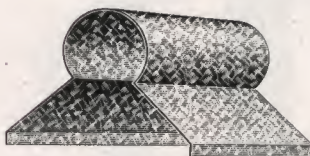


or Open Hearth Steel

Unless otherwise specified, we ship 2-inch size Galvanized Steel without nailing flange.



Made in 8 and 10 foot lengths.



Without Nailing Flange



With Nailing Flange

For Ridge Roll used in connection with Metal Shingles see Metal Shingle catalog.

List Prices Per Foot

Sizes of rolls	1 in.	1 1/4 in.	1 1/2 in.	2 in.	2 1/2 in.	3 in.
Girths	6 in.	7 in.	8 in.	10 in.	12 in.	14 in.
28 gauge, painted	11c.	12c.	14c.	17c.	21c.	26c.
29 gauge, galvanized	13c.	14c.	16c.	19c.	23c.	28c.
28 gauge, galvanized	15c.	16c.	18c.	21c.	25c.	30c.
27 gauge, painted	15c.	16c.	18c.	21c.	25c.	30c.
27 gauge, galvanized	17c.	18c.	20c.	23c.	27c.	32c.
26 gauge, painted	17c.	18c.	20c.	23c.	27c.	32c.
26 gauge, galvanized	19c.	20c.	22c.	25c.	29c.	34c.
24 gauge, painted	23c.	24c.	26c.	29c.	33c.	38c.
24 gauge, galvanized	25c.	26c.	28c.	31c.	35c.	40c.

If size is not specified, we ship two-inch. If quality is not mentioned, we ship galvanized steel.

V Angle Ridge Cap



or Open Hearth Steel



Also furnished with nailing flange.

List Prices Per Foot


Size of apron	3 in.	3 1/2 in.	4 in.	5 in.
Girths	6 in.	7 in.	8 in.	10 in.
28 gauge, painted	11c.	12c.	14c.	17c.
29 gauge, galvanized	13c.	14c.	16c.	19c.
28 gauge, galvanized	15c.	16c.	18c.	21c.
27 gauge, painted	15c.	16c.	18c.	21c.
27 gauge, galvanized	17c.	18c.	20c.	23c.
26 gauge, painted	17c.	18c.	20c.	23c.
26 gauge, galvanized	19c.	20c.	22c.	25c.
24 gauge, painted	23c.	24c.	26c.	29c.
24 gauge, galvanized	25c.	26c.	28c.	31c.

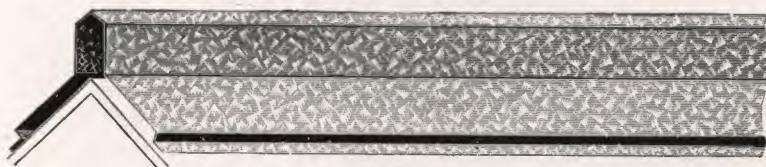
Weights of Plain Ridge Roll of different gauges same as weight of lap joint eaves trough of same gauge and girth, see page 78.

Round Ridge Roll and V angle Ridge Cap are shipped in bundles, wired.

Toncan Metal is not furnished lighter than No. 28 gauge.

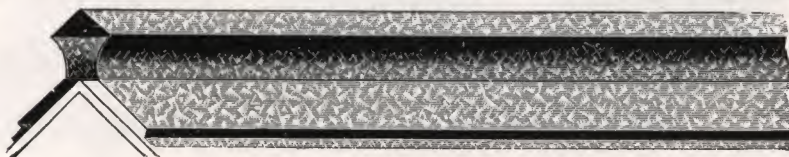
Berger's Ornamental Ridgings

Galvanized  or Open Hearth Steel



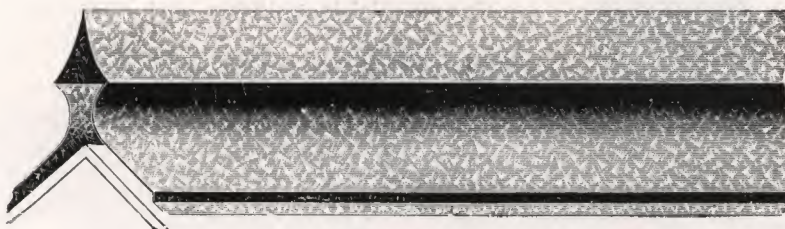
Style A

Height	4¾ inches	6 inches	8 inches
Girt	12 inches	15 inches	20 inches
Apron	2½ inches	3½ inches	4½ inches
Price	\$0.15 per ft.	\$0.19 per ft.	\$0.25 per ft.



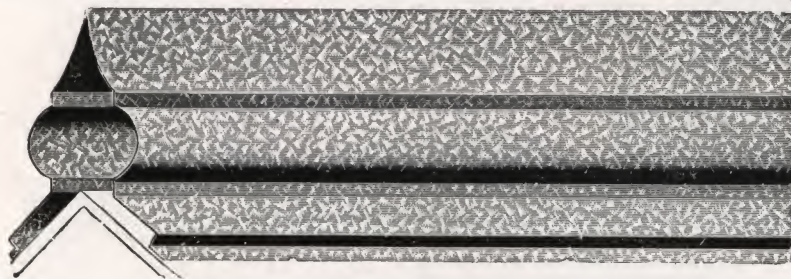
Style B

Height	4½ inches	6 inches	8 inches
Girt	12 inches	15 inches	20 inches
Apron	2½ inches	3 inches	4½ inches
Price	\$0.15 per ft.	\$0.19 per ft.	\$0.25 per ft.



Style C

Height	6¼ inches	8 inches	10 inches
Girt	15 inches	20 inches	24 inches
Apron	3 inches	4 inches	4½ inches
Price	\$0.19 per ft.	\$0.25 per ft.	\$0.30 per ft.



Style D

Height	8 inches	9½ inches	12 inches
Girt	20 inches	24 inches	30 inches
Apron	4½ inches	5 inches	6½ inches
Price	\$0.26 per ft.	\$0.31 per ft.	\$0.38½ per ft.

The quantity shipped governs the cost of crating which is charged extra.



Berger's Ornamental Ridgings

With Fancy Blocks and Finials

(Specify Pitch of Roof)

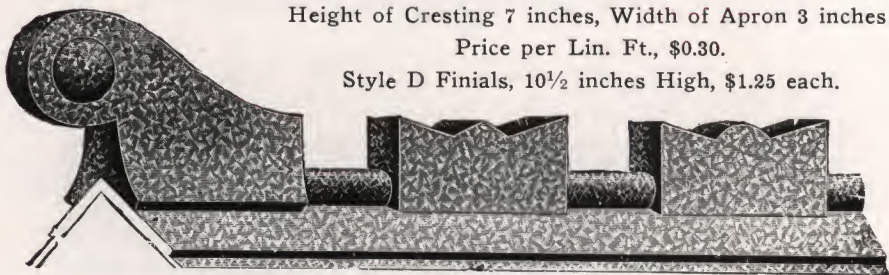
Galvanized Open Hearth Steel

Style D

Height of Cresting 7 inches, Width of Apron 3 inches;

Price per Lin. Ft., \$0.30.

Style D Finials, 10½ inches High, \$1.25 each.

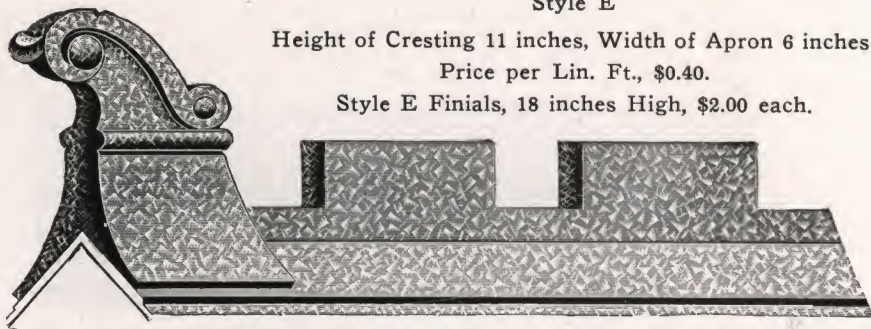


Style E

Height of Cresting 11 inches, Width of Apron 6 inches;

Price per Lin. Ft., \$0.40.

Style E Finials, 18 inches High, \$2.00 each.

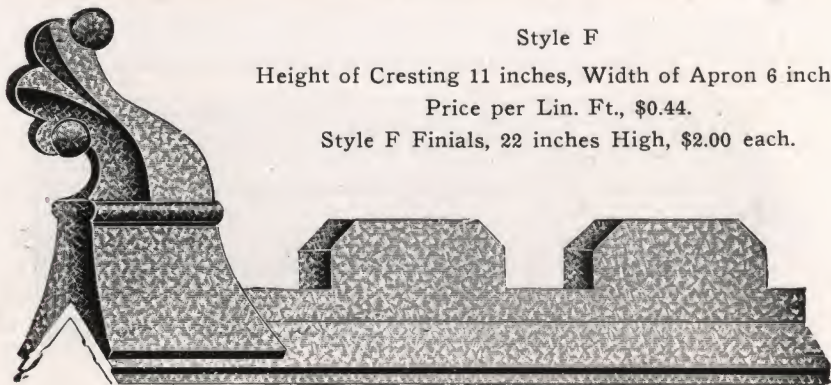


Style F

Height of Cresting 11 inches, Width of Apron 6 inches;

Price per Lin. Ft., \$0.44.

Style F Finials, 22 inches High, \$2.00 each.



The quantity shipped governs the cost of crating which is charged extra.



Berger's Ornamental Ridgings

With Fancy Blocks and Finials

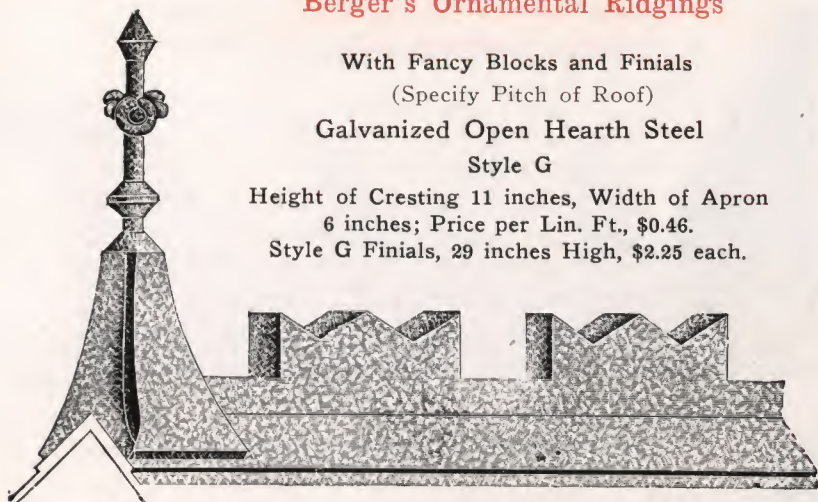
(Specify Pitch of Roof)

Galvanized Open Hearth Steel

Style G

Height of Cresting 11 inches, Width of Apron
6 inches; Price per Lin. Ft., \$0.46.

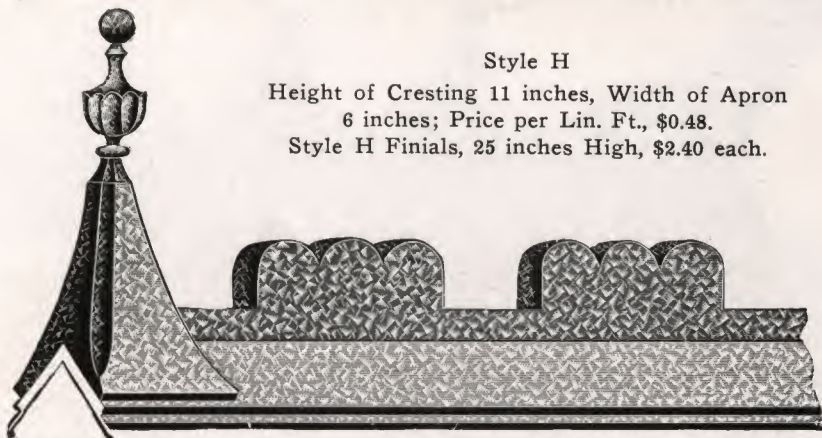
Style G Finials, 29 inches High, \$2.25 each.



Style H

Height of Cresting 11 inches, Width of Apron
6 inches; Price per Lin. Ft., \$0.48.

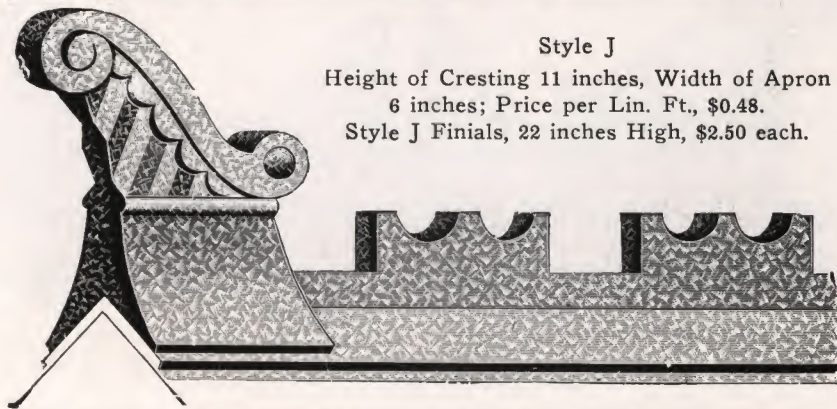
Style H Finials, 25 inches High, \$2.40 each.



Style J

Height of Cresting 11 inches, Width of Apron
6 inches; Price per Lin. Ft., \$0.48.

Style J Finials, 22 inches High, \$2.50 each.



The quantity shipped governs the cost of crating which is charged extra.

Berger's Cresting Blocks and Finials

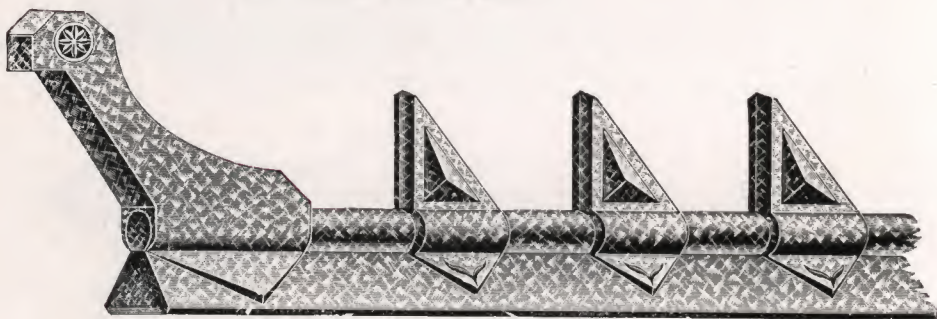


No. 100
Block

These blocks and finials produce an architectural effect equal in every way to terra cotta tile at only a fraction of the cost and weight of the latter.

The blocks and finials are made of galvanized steel. They are made to slip over a 2-inch roll and can be spaced as desired and fastened without solder by nailing through the apron and the ridge roll with a thin wire nail.

An idea of the numerous effects which can be produced by these blocks may be obtained by reference to the following illustrations, showing only a few of the many positions in which they can be placed:



No. 1, 2-inch Ridge Roll, 19 cents Lin. Ft.; No. 100 Block, \$12.00 per Hundred;
No. 1 Finial, 13½ inches High, \$1.00 each.



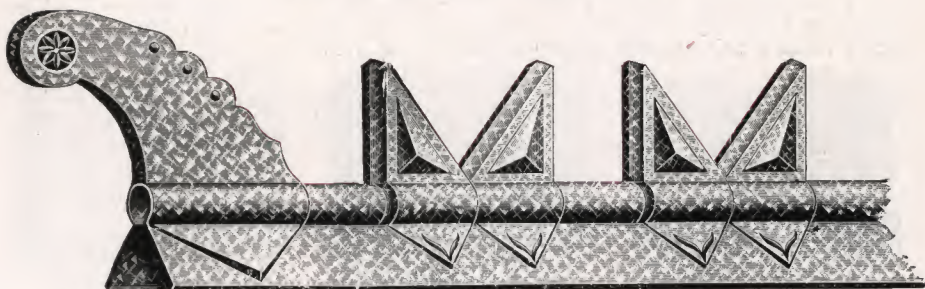
No. 2, 2-inch Ridge Roll, 19 cents Lin. Ft.; No. 100 Block, \$12.00 per Hundred;
No. 2 Finial, 11 inches High, \$1.20 each.

The quantity shipped governs the cost of crating which is charged extra.

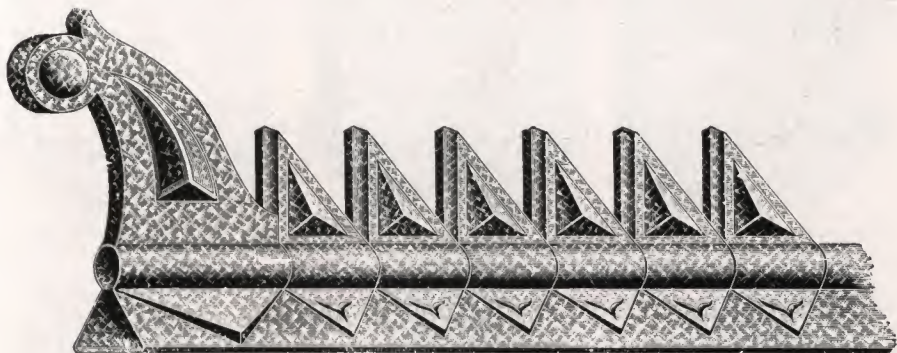


Berger's Cresting Blocks and Finials

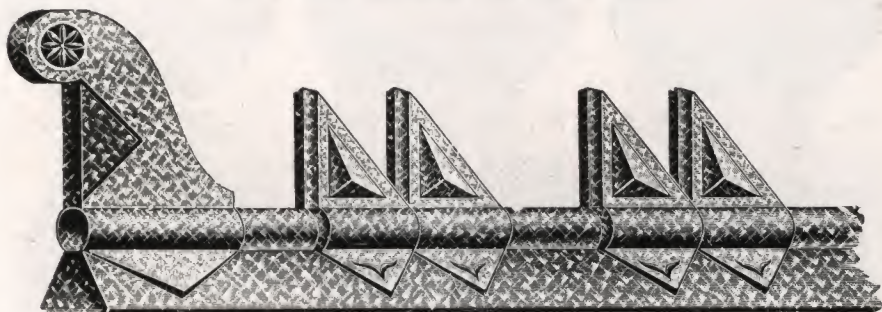
Galvanized Open Hearth Steel



No. 3, 2-inch Ridge Roll, 19 cents Lin. Ft.; No. 100 Block, \$12.00 per Hundred;
No. 3 Finial, 11 inches High, \$1.20 each.



No. 4, 2-inch Ridge Roll, 19 cents Lin. Ft.; No. 100 Block, \$12.00 per Hundred;
No. 4 Finial, 13 inches High, \$1.35 each.



No. 5, 2-inch Ridge Roll, 19 cents Lin. Ft.; No. 100 Block, \$12.00 per Hundred;
No. 5 Finial, 13 inches High, \$1.35 each.

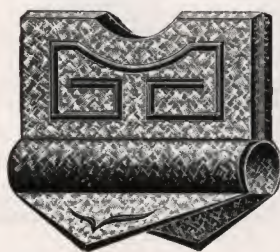
The quantity shipped governs the cost of crating which is charged extra.



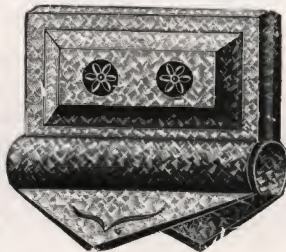
Berger's Cresting Blocks

Galvanized Open Hearth Steel

These Cresting Blocks (which are protected by copyrights) are original in design and greatly improve the architectural appearance of a roof. They are made to fit a 2-inch roll and are applied as described on page 107.



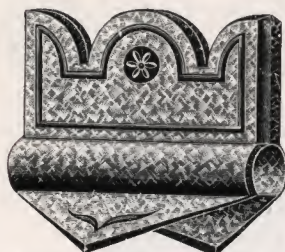
No. 4084, 33 cents each



No. 4053, 33 cents each



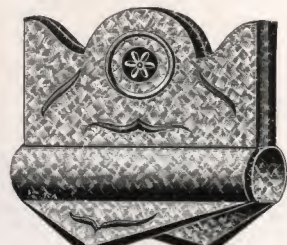
No. 4067, 33 cents each



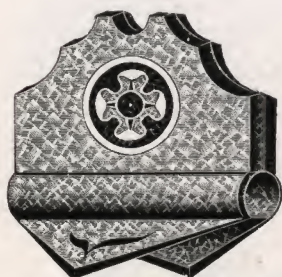
No. 4085, 33 cents each



No. 4088, 33 cents each



No. 4089, 33 cents each



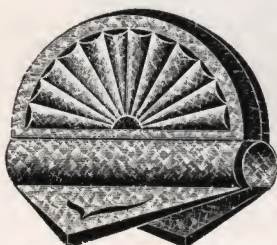
No. 4083, 35 cents each



No. 4069, 35 cents each



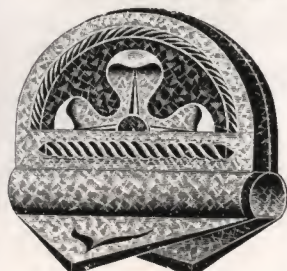
No. 4086, 35 cents each



No. 4054, 35 cents each



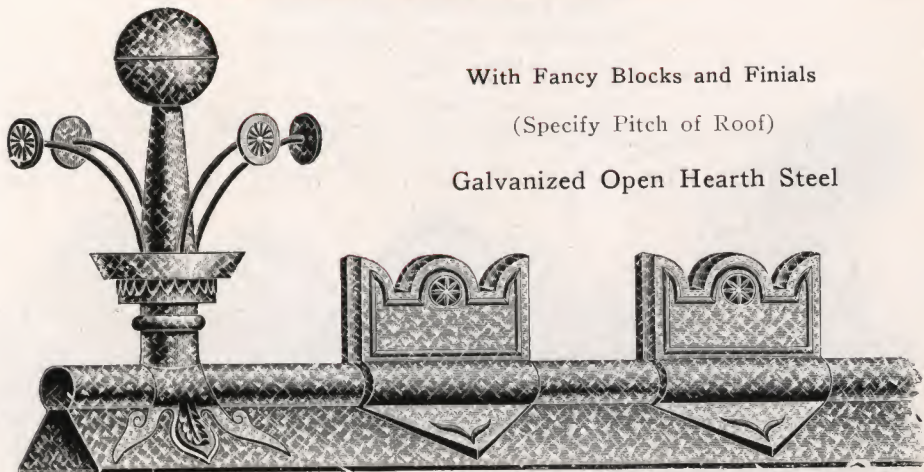
No. 4068, 38 cents each



No. 4055, 38 cents each



Berger's Cresting Blocks and Finials



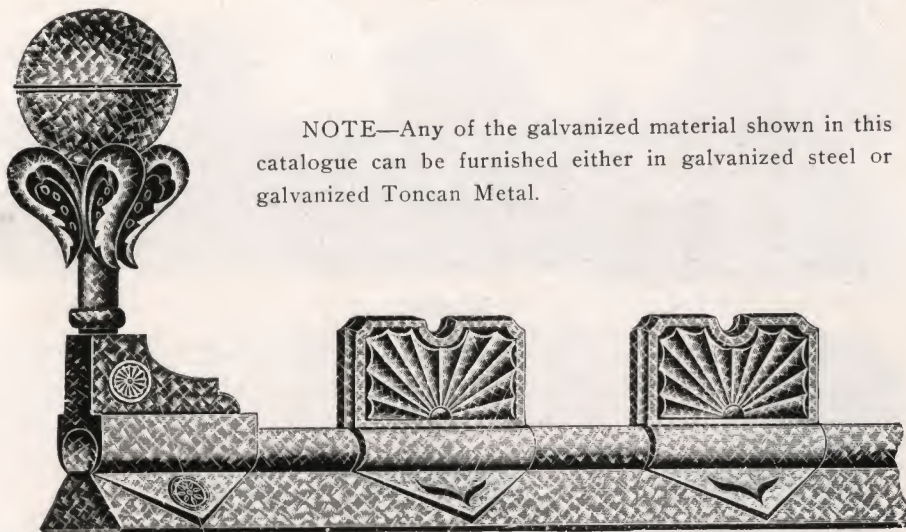
With Fancy Blocks and Finials

(Specify Pitch of Roof)

Galvanized Open Hearth Steel

2-inch Ridge Roll, 19 cents per lineal foot; No. 4085 Block, 33 cents each;

No. 858 Finial, 2½ Feet High, \$5.50 each.



NOTE—Any of the galvanized material shown in this catalogue can be furnished either in galvanized steel or galvanized Toncan Metal.

2-inch Ridge Roll, 19 cents per lineal foot; No. 4068 Block 38 cents each;

No. 856 Finial, 2 Feet 8 Inches High, \$5.25 each.

The quantity shipped governs the cost of crating which is charged extra.

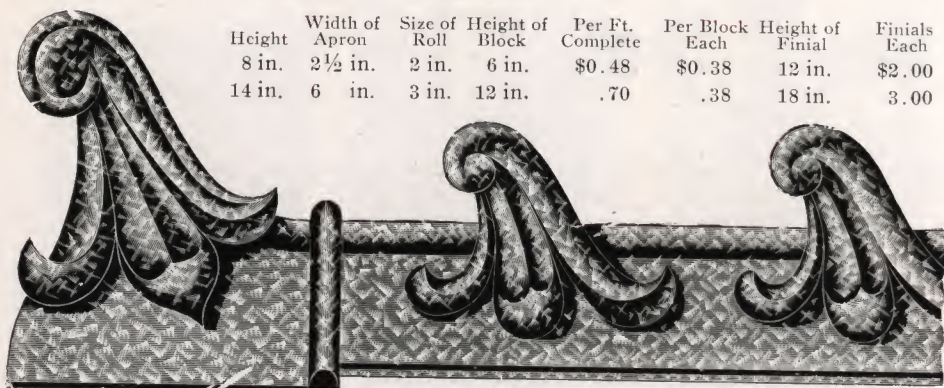


Berger's Ornamental Ridge Roll

With Fancy Blocks and Finials
Galvanized Open Hearth Steel

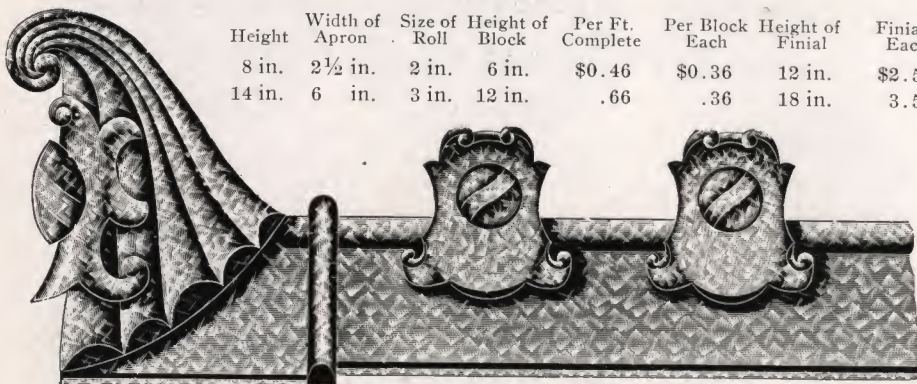
No. 5069

Height	Width of Apron	Size of Roll	Height of Block	Per Ft. Complete	Per Block Each	Height of Finial	Finials Each
8 in.	2½ in.	2 in.	6 in.	\$0.48	\$0.38	12 in.	\$2.00
14 in.	6 in.	3 in.	12 in.	.70	.38	18 in.	3.00



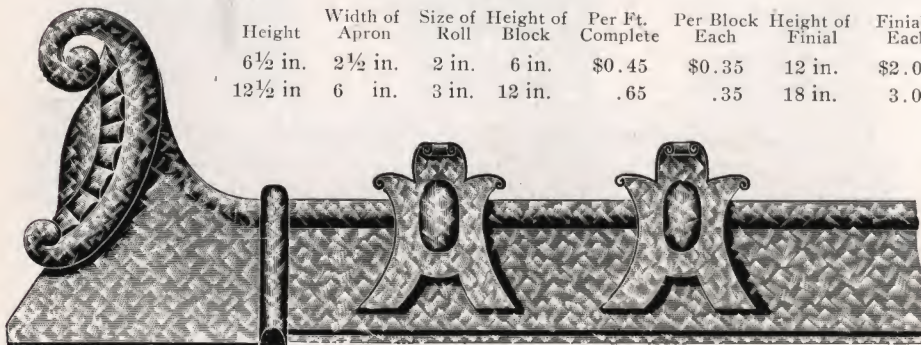
No. 5073

Height	Width of Apron	Size of Roll	Height of Block	Per Ft. Complete	Per Block Each	Height of Finial	Finials Each
8 in.	2½ in.	2 in.	6 in.	\$0.46	\$0.36	12 in.	\$2.50
14 in.	6 in.	3 in.	12 in.	.66	.36	18 in.	3.50



No. 5075

Height	Width of Apron	Size of Roll	Height of Block	Per Ft. Complete	Per Block Each	Height of Finial	Finials Each
6½ in.	2½ in.	2 in.	6 in.	\$0.45	\$0.35	12 in.	\$2.00
12½ in.	6 in.	3 in.	12 in.	.65	.35	18 in.	3.00



The quantity shipped governs the cost of crating which is charged extra.

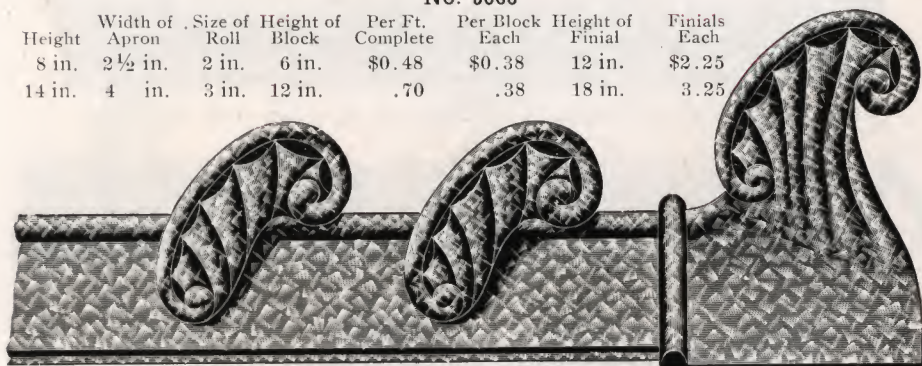


Berger's Ornamental Ridge Roll

With Fancy Blocks and Finials
(Specify Pitch of Roof)
Galvanized Open Hearth Steel

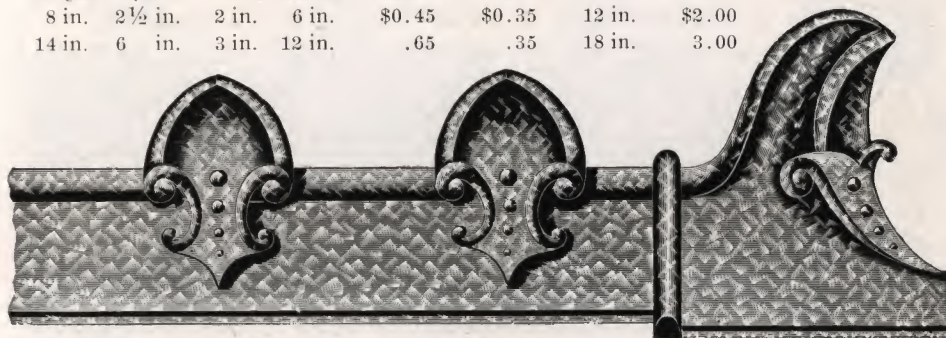
No. 5066

Height	Width of Apron	Size of Roll	Height of Block	Per Ft. Complete	Per Block Each	Height of Finial	Finials Each
8 in.	2 1/2 in.	2 in.	6 in.	\$0.48	\$0.38	12 in.	\$2.25
14 in.	4 in.	3 in.	12 in.	.70	.38	18 in.	3.25



No. 5070

Height	Width of Apron	Size of Roll	Height of Block	Per Ft. Complete	Per Block Each	Height of Finial	Finials Each
8 in.	2 1/2 in.	2 in.	6 in.	\$0.45	\$0.35	12 in.	\$2.00
14 in.	6 in.	3 in.	12 in.	.65	.35	18 in.	3.00



No. 5076

Height	Width of Apron	Size of Roll	Height of Block	Per Ft. Complete	Per Block Each	Height of Finial	Finials Each
7 1/2 in.	2 1/2 in.	2 in.	6 in.	\$0.48	\$0.38	12 in.	\$2.00
13 1/2 in.	6 in.	3 in.	12 in.	.70	.38	18 in.	3.00



The quantity shipped governs the cost of crating which is charged extra.



Berger's Ornamental Ridge and Hip Mouldings

Made in Four-Foot Lengths
Galvanized Open Hearth Steel



5052—4½ in. High, 6-in. Span, 21c. 5050—5½ in. High, 10-in. Span, 33c.



5062—4 in. High, 6-in. Span, 21c. 5060—5 in. High, 10-in. Span, 33c.



5053—4 in. High, 7-in. Span, 24c. 5051—6 in. High, 10-in. Span, 36c.



5061—4½ in. High, 9-in. Span, 28c.



5057—4½ in. High, 7-in. Span, 24c. 5056—3½ in. High, 10-in. Span, 36c.



5055—4 in. High, 7-in. Span, 36c. 5054—6 in. High, 10-in. Span, 54c.



5059—4 in. High, 7-in. Span, 38c. 5058—6 in. High, 10-in. Span, 58c.

The quantity shipped governs the cost of crating which is charged extra.



Berger's Finials and Terminals

For Ornamental Ridge and Hip Mouldings

Galvanized Open Hearth Steel



Gable Terminal

5090, 8 in. high, each \$2.00
5079, 12 in. high, each \$2.50



Round Tower Finial

5091, 18 in. high, each \$3.00
5080, 24 in. high, each \$3.50



Gable Terminal

5092, 8 in. high, each \$2.00
5081, 12 in. high, each \$2.50



Ridge and Hip Terminal

5093,
12 in. high, each \$3.00
5082,
18 in. high, each \$4.50



Gable Terminal

5094,
8 in. high, each \$2.00
5083,
12 in. high, each \$2.50



Ridge and Hip Terminal

5095,
11 in. high, each \$3.00
5084,
16 in. high, each \$4.50



Ridge and Hip Terminal

5096,
12 in. high, each \$3.25
5085,
18 in. high, each \$4.75



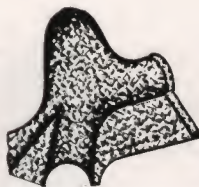
Ridge and Hip Terminal

5097,
12 in. high, each \$3.00
5086,
18 in. high, each \$4.50



Gable Terminal

5098,
9 in. high, each \$2.25
5087,
14 in. high, each \$2.75



Ridge and Hip Terminal

5099,
11 in. high, each \$2.50
5088,
16 in. high, each \$3.50



Octagon Tower Finial.

6000,
12 in. high, each \$4.00
5089,
18 in. high, each \$5.50

NOTE—Any of the galvanized material shown can be furnished either in galvanized steel or galvanized Toncan Metal.

The cost of crating charged extra.



Berger's Continual Hip Shingles

Artistic in design and essential to a good finish.

Equally desirable to use in connection with any material used for Roofing.

Toncan Metal or Open Hearth Steel—Galvanized

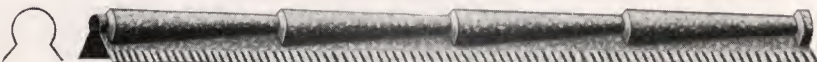


Roman Design No. 4695

Girth, 5 inches.

Length, our option, 4, 5, 6, 7 and 8 feet.

Crated, 250 and 500 feet.



Spanish Design No. 4696

Girth, 5 inches.

Length, our option, 4, 6 and 8 feet.

Crated, 250 and 500 feet.



Starter No. 4695



Starter No. 4696

The above patterns of Continuous Hip Shingles are desirable in connection with any pattern of Ridge Moulding or Ridge Cresting, illustrated on preceding pages.

Peerless Hip Shingles

Galvanized Steel.

Painted Steel.

Painted Tin.

Crated 250 in one package.

Crated 500 in one package.



Size 4 x 7 inches.

Size 4 x 9 inches.

Size 5 x 12 inches.

The 4 x 9-inch is a standard size.

Sample sent on request.



Berger's Cornices

Galvanized Open Hearth Steel

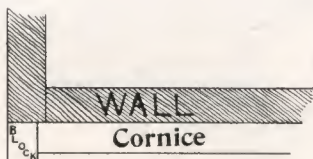
SPECIAL NOTICE

The prices quoted are for complete cornices assembled ready to place in position. All brackets, modillions, dentals and other ornaments are riveted and soldered securely to the ground work and mouldings are run through solid.

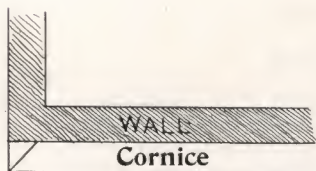
Prices on cornices knocked-down or on separate parts will be quoted on application.

MEASUREMENTS

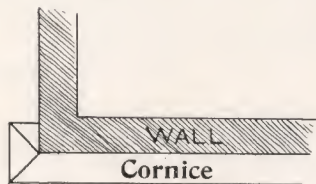
Give the length of the wall at the bottom of the cornice and state the style of finish wanted—blocks, single returns, or double returns.



Block



Single Return



Double Return

Specify whether the cornice is to be built into the wall of a new building or to be applied to the exterior of an old wall, as different constructions are required.

Unless otherwise specified, end blocks will be made 12 inches wide.


Crating charged for at cost.

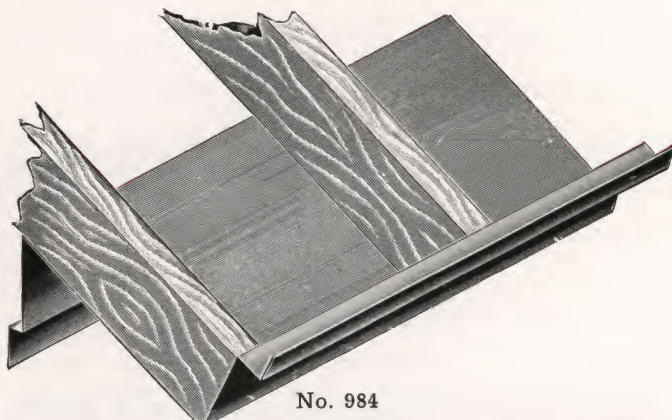
NOTE—Any of the galvanized material shown in this book can be furnished in either galvanized steel or Toncan Metal.

The quantity shipped governs the cost of crating which is charged extra.

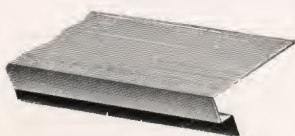


Plain Cornice, Window and Door Casings

Galvanized  or Open Hearth Steel



No. 984



No. 985



No. 986



No. 987

Plain Cornice

No. 984

	Painted	Galvanized
24-inch Girt, per lineal foot.....	\$0.18	\$0.24
26-inch Girt, per lineal foot.....	.19½	.26
28-inch Girt, per lineal foot.....	.21	.28
30-inch Girt, per lineal foot.....	.23	.30

Sills for Windows and Doors

No. 985

	Painted	Galvanized
9-inch Girt, per lineal foot.....	\$0.07	\$0.09
10-inch Girt, per lineal foot.....	.07½	.10
12-inch Girt, per lineal foot.....	.09	.12

Casings and Caps for Windows

Nos. 986 and 987

	Painted	Galvanized
3-inch Face, 10-inch Girt, per lineal foot.....	\$0.07½	\$0.10
4-inch Face, 11-inch Girt, per lineal foot.....	.08½	.11
5-inch Face, 12-inch Girt, per lineal foot.....	.09	.12

Casings and Caps for Doors

Nos. 986 and 987

	Painted	Galvanized
3-inch Face, 12-inch Girt, per lineal foot.....	\$0.09	\$0.12
4-inch Face, 13-inch Girt, per lineal foot.....	.10	.13
5-inch Face, 14-inch Girt, per lineal foot.....	.11	.14

LIST PRICES

List prices based on No. 28 Gauge. Prices on heavier gauges upon application.

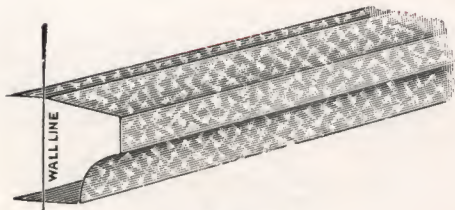
Metal Casings for windows, doors, eaves and gable projections, used in connection with our different styles of Metal Siding and Roofing, make the building entirely ironclad.

Plans and measurements must be furnished and we will form to fit the same.

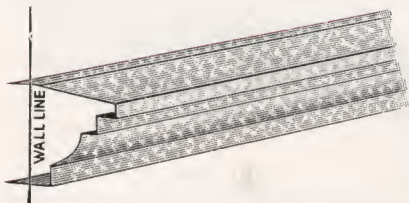


Berger's Cornices, Lintels and Belt Moulds

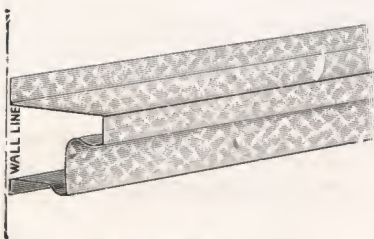
Galvanized Open Hearth Steel



No. 1019



No. 1020



No. 1021



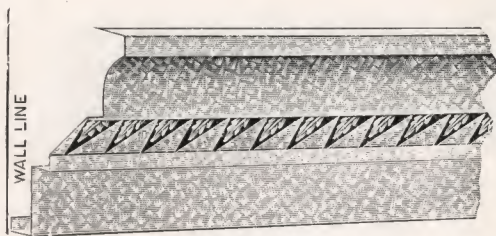
No. 1022



No. 1023

PRICE LIST

No.	Height.	Proj.	Girt.	Price Per Foot.
1019	4½ in.	3½ in.	12 in.	\$0.12
1020	4½ in.	3½ in.	12 in.	.12
1021	4 in.	3¾ in.	14 in.	.14
1022	7 in.	5 in.	18 in.	.27
1023	7 in.	4½ in.	16 in.	.16
1024	12 in.	8½ in.	20 in.	.30



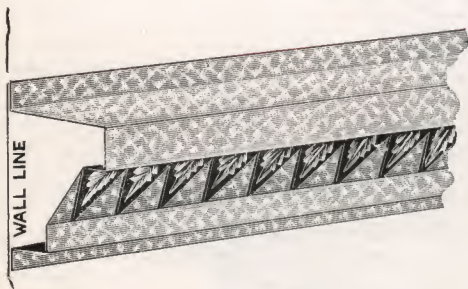
No. 1024

The quantity shipped governs the cost of crating which is charged extra.

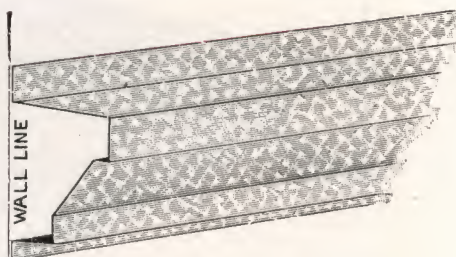


Berger's Cornices, Lintels and Belt Moulds

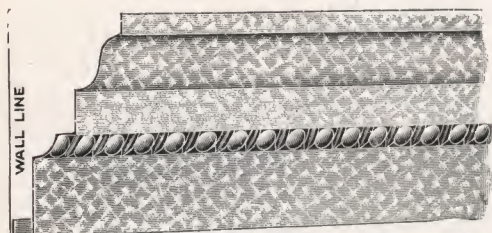
Galvanized Open Hearth Steel



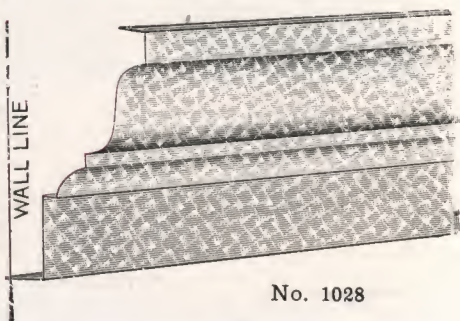
No. 1025



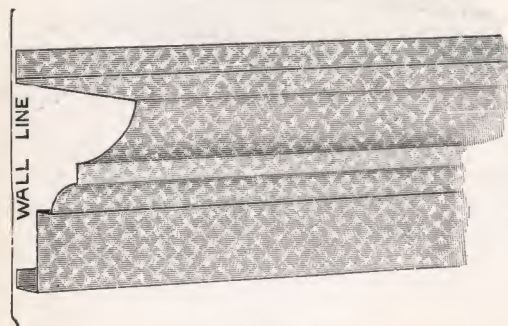
No. 1026



No. 1027



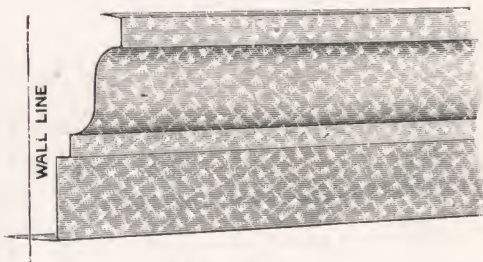
No. 1028



No. 1029

PRICE LIST

No.	Height.	Proj.	Girt.	Price Per Foot.
1025	8 in.	6 in.	20 in.	\$0.30
1026	8 in.	6 in.	20 in.	.20
1027	12 in.	8 3/4 in.	20 in.	.30
1028	12 in.	8 in.	20 in.	.20
1029	11 in.	7 in.	24 in.	.24
1030	12 in.	7 1/2 in.	20 in.	.20



No. 1030

Any galvanized material shown can be furnished in either galvanized steel or galvanized Toncan Metal.

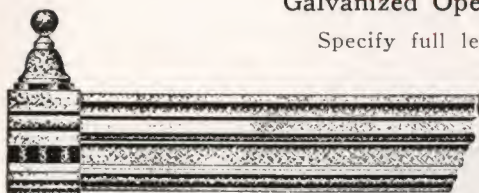
The quantity shipped governs the cost of crating which is charged extra.



Berger's Cornices

Galvanized Open Hearth Steel

Specify full length of cornice



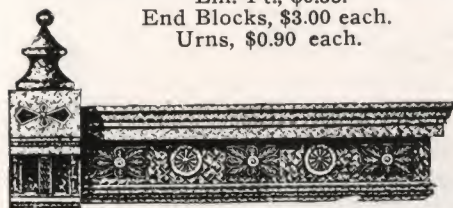
No. 425

Height 16 in., Proj. 10 in.; Per
Lin. Ft., \$0.38.
End Blocks, \$3.00 each.
Urns, \$0.90 each.



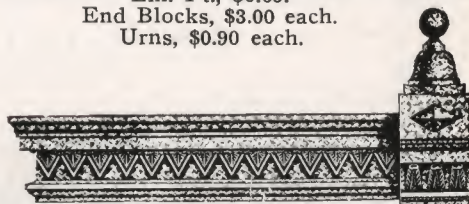
No. 426

Height 16 in., Proj. 10 in.; Per
Lin. Ft., \$0.65.
End Blocks, \$3.00 each.
Urns, \$0.90 each.



No. 451

Height 16 in., Proj. 10 in.; Per
Lin. Ft., \$0.55.
End Blocks, \$3.50 each.
Urns, \$0.90 each.



No. 452

Height 14 in., Proj. 8 in.; Per
Lin. Ft., \$0.45.
End Blocks, \$3.00 each.
Urns, \$0.90 each.



No. 427

Height 18 in., Proj. 10 in.; Per
Lin. Ft., \$0.40.
End Blocks, \$3.50 each.
Urns, \$0.90 each.



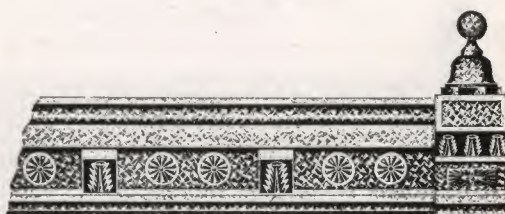
No. 428

Height 18 in., Proj. 10 in.; Per
Lin. Ft., \$0.60.
End Blocks, \$3.50 each.
Urns, \$0.90 each.



No. 429

Height 20 in., Proj. 12 in.; Per
Lin. Ft., \$0.45.
End Blocks, \$4.00 each.
Urns, \$0.90 each.



No. 430

Height 20 in., Proj. 12 in.; Per
Lin. Ft., \$0.55.
End Blocks, \$4.00 each.
Urns, \$0.90 each.

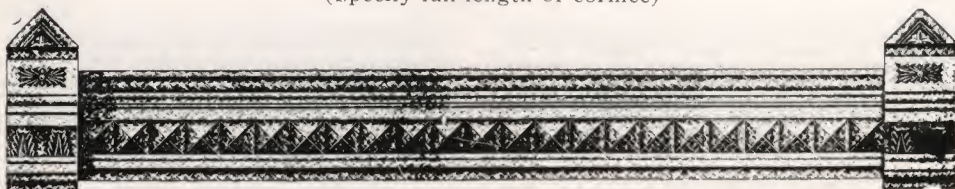
The quantity shipped governs the cost of crating which is charged extra.



Berger's Cornices

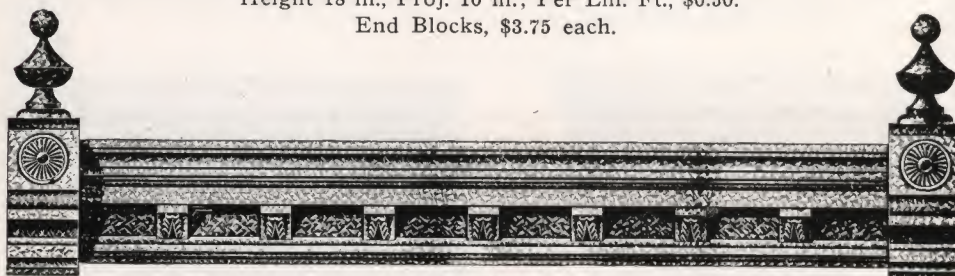
Galvanized Open Hearth Steel

(Specify full length of cornice)



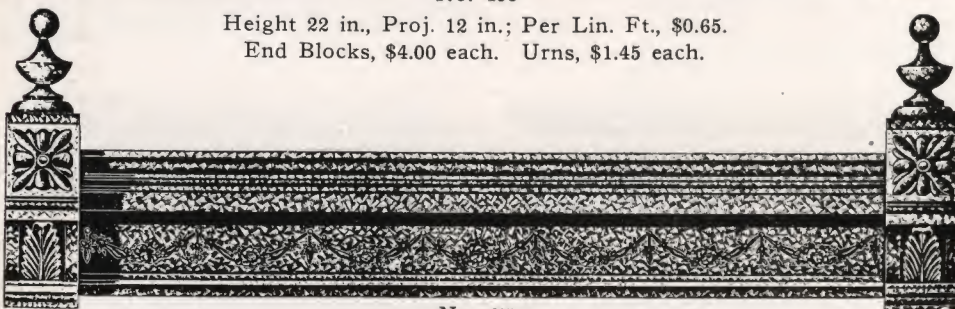
No. 453

Height 18 in., Proj. 10 in.; Per Lin. Ft., \$0.50.
End Blocks, \$3.75 each.



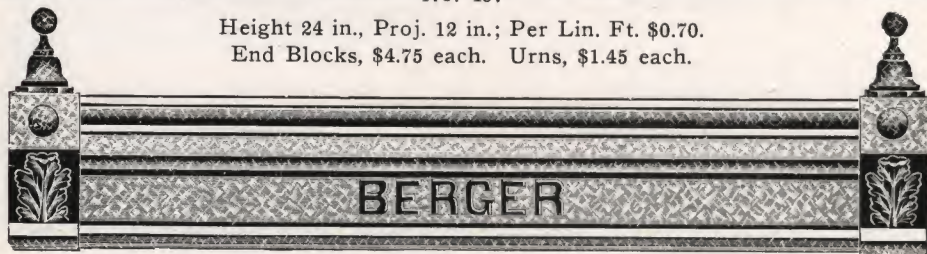
No. 455

Height 22 in., Proj. 12 in.; Per Lin. Ft., \$0.65.
End Blocks, \$4.00 each. Urns, \$1.45 each.



No. 457

Height 24 in., Proj. 12 in.; Per Lin. Ft. \$0.70.
End Blocks, \$4.75 each. Urns, \$1.45 each.



No. 401

Height 26 in., Proj. 12 in.; Per Lin. Ft., \$0.60.
End Blocks, \$4.25 each. Urns, \$0.90 each.

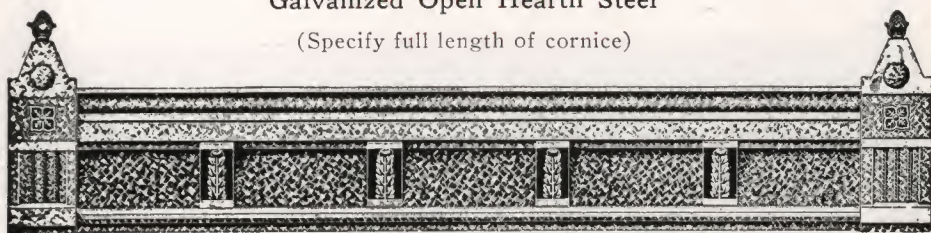
The quantity shipped governs the cost of crating which is charged extra.



Berger's Cornices

Galvanized Open Hearth Steel

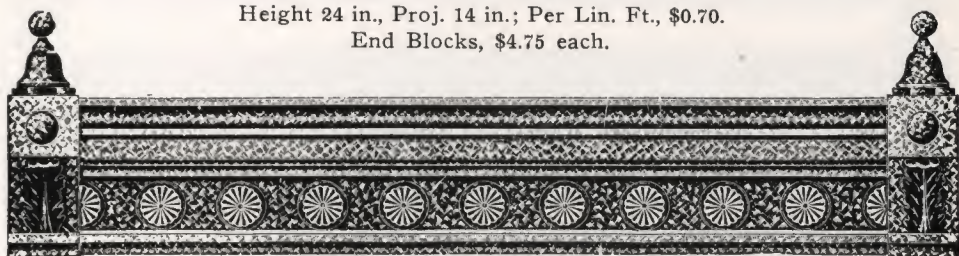
(Specify full length of cornice)



No. 402

Height 24 in., Proj. 14 in.; Per Lin. Ft., \$0.70.

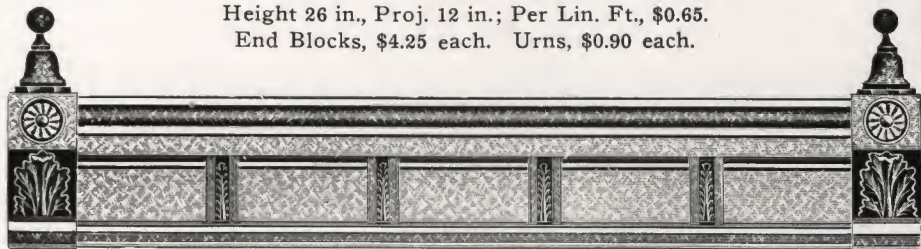
End Blocks, \$4.75 each.



No. 441

Height 26 in., Proj. 12 in.; Per Lin. Ft., \$0.65.

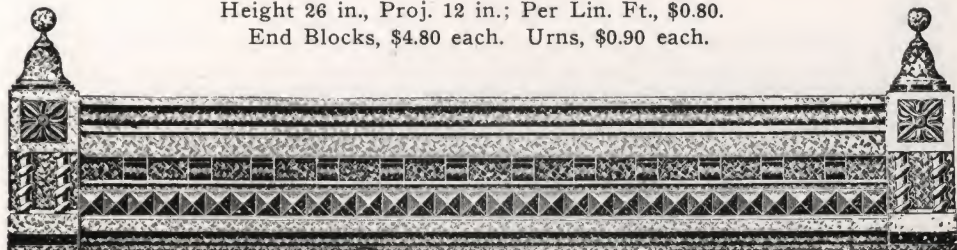
End Blocks, \$4.25 each. Urns, \$0.90 each.



No. 403

Height 26 in., Proj. 12 in.; Per Lin. Ft., \$0.80.

End Blocks, \$4.80 each. Urns, \$0.90 each.



No. 404

Height 26 in., Proj. 12 in.; Per Lin. Ft., \$0.85.

End Blocks, \$4.80 each. Urns, \$0.90 each.

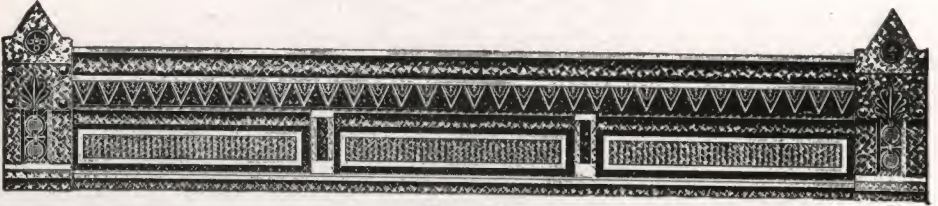
The quantity shipped governs the cost of crating which is charged extra.



Berger's Cornices

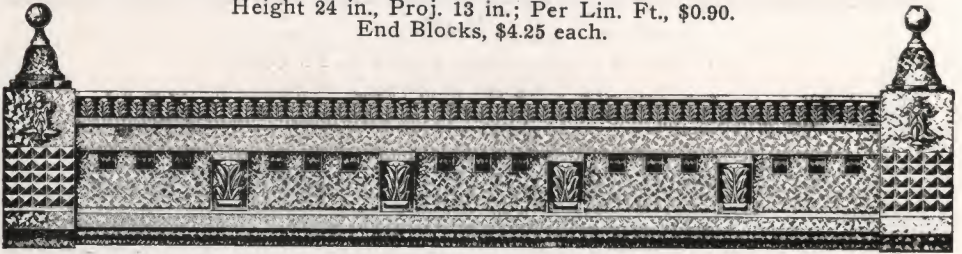
Galvanized Open Hearth Steel

(Specify full length of cornice)



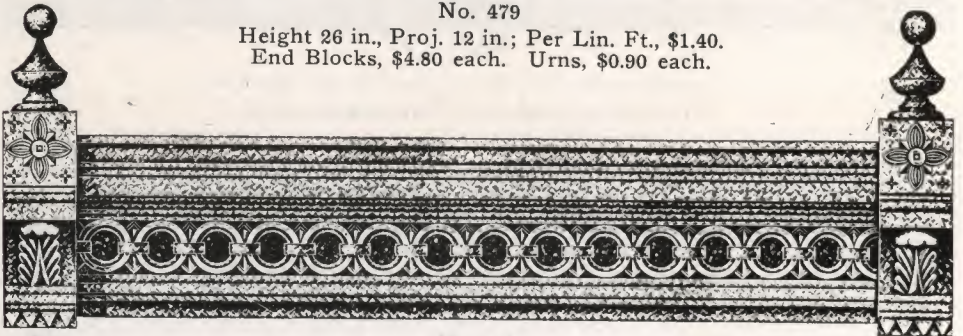
No. 405

Height 24 in., Proj. 13 in.; Per Lin. Ft., \$0.90.
End Blocks, \$4.25 each.



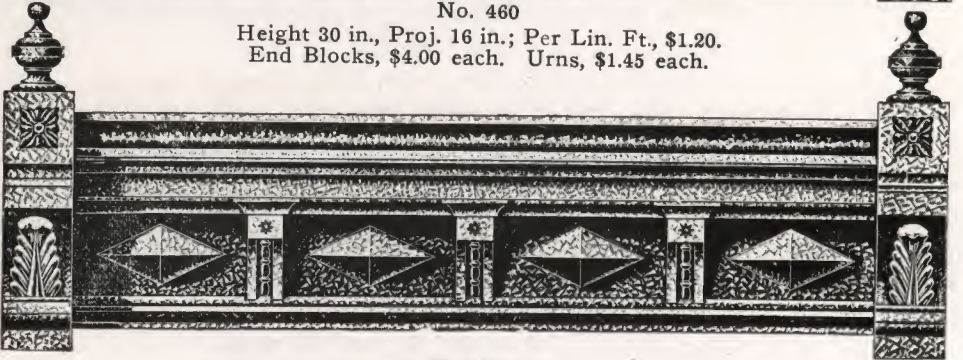
No. 479

Height 26 in., Proj. 12 in.; Per Lin. Ft., \$1.40.
End Blocks, \$4.80 each. Urns, \$0.90 each.



No. 460

Height 30 in., Proj. 16 in.; Per Lin. Ft., \$1.20.
End Blocks, \$4.00 each. Urns, \$1.45 each.



No. 461

Height 36 in., Proj. 20 in.; Per Lin. Ft., \$1.75.
End Blocks, \$4.50 each. Urns, \$1.75 each.

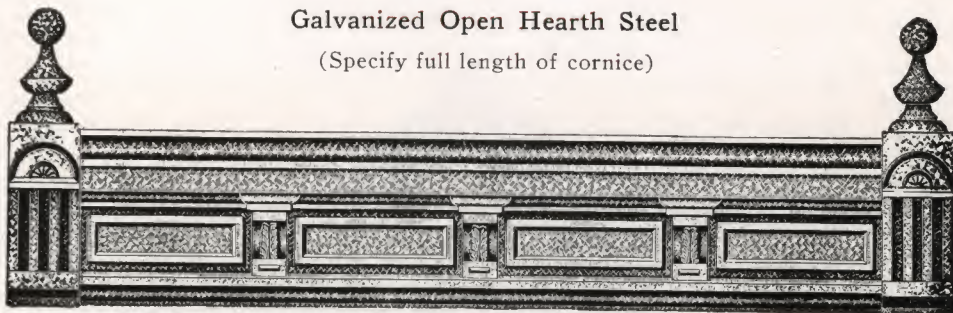
The quantity shipped governs the cost of crating which is charged extra.



Berger's Cornices

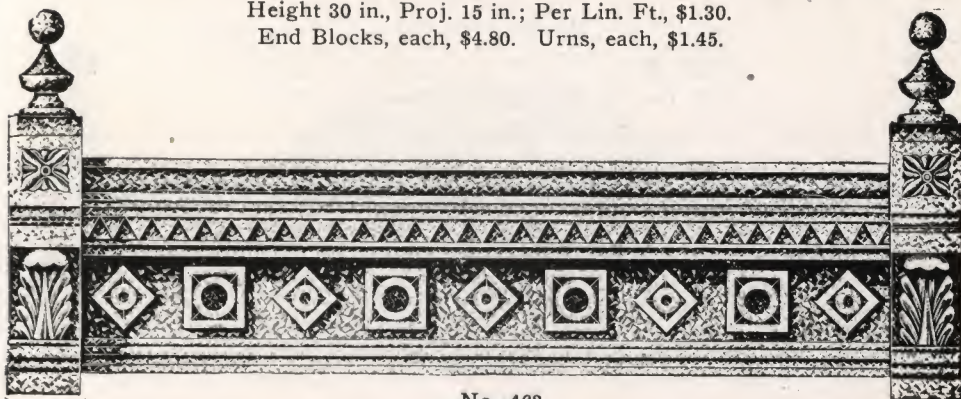
Galvanized Open Hearth Steel

(Specify full length of cornice)



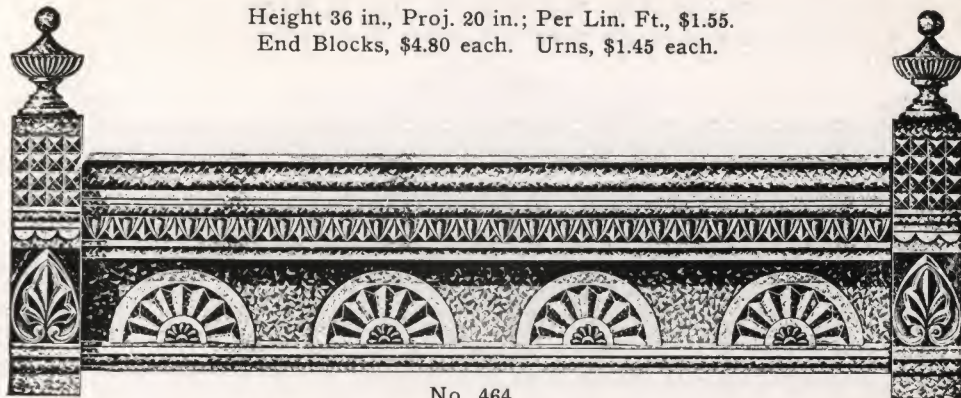
No. 408

Height 30 in., Proj. 15 in.; Per Lin. Ft., \$1.30.
End Blocks, each, \$4.80. Urns, each, \$1.45.



No. 463

Height 36 in., Proj. 20 in.; Per Lin. Ft., \$1.55.
End Blocks, \$4.80 each. Urns, \$1.45 each.



No. 464

Height 36 in., Proj. 20 in.; Per Lin. Ft., \$1.60.
End Blocks, \$4.50 each. Urns, \$1.45 each.

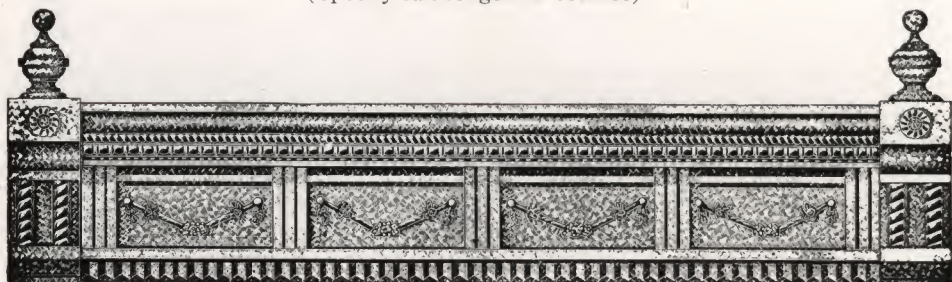
The quantity shipped governs the cost of crating which is charged extra.



Berger's Cornices

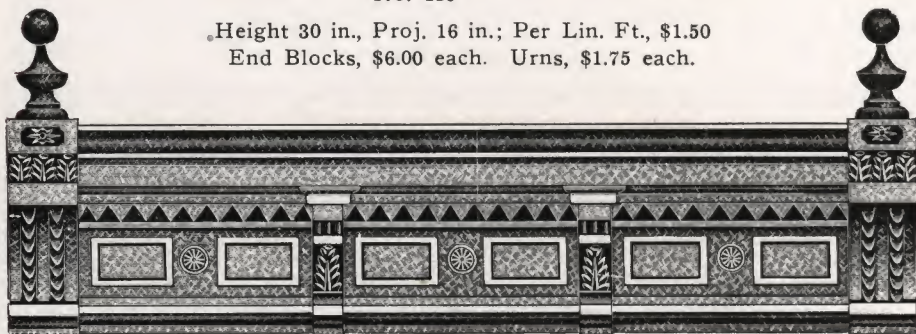
Galvanized Open Hearth Steel

(Specify full length of cornice)



No. 415

Height 30 in., Proj. 16 in.; Per Lin. Ft., \$1.50
End Blocks, \$6.00 each. Urns, \$1.75 each.



No. 413

Height 36 in., Proj. 20 in.; Per Lin. Ft., \$1.65.
End Blocks, \$4.50 each. Urns, \$1.45 each.



No. 414

Height 36 in., Proj. 15 in.; Per Lin. Ft., \$1.60.
End Blocks, \$6.25 each.

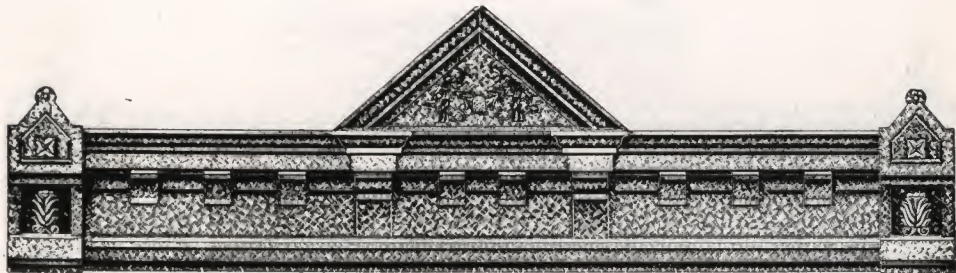
The quantity shipped governs the cost of crating which is charged extra.



Berger's Cornices

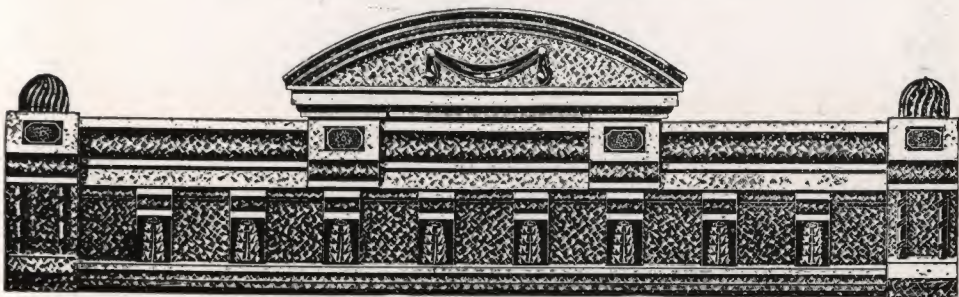
Galvanized Open Hearth Steel

(Specify full length of cornice)



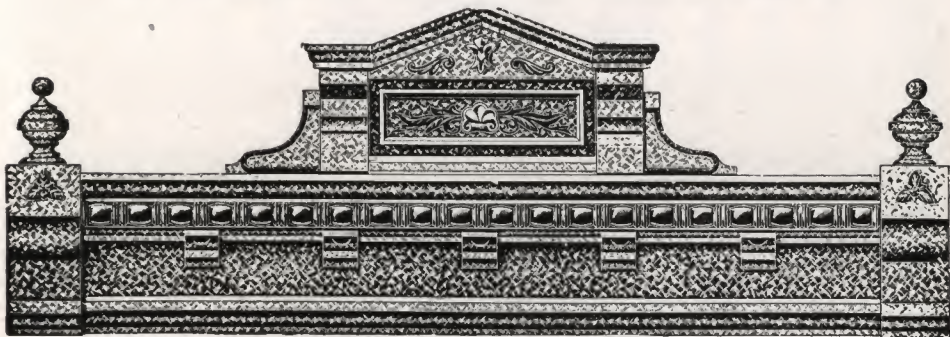
No. 419

Height 24 in., Proj. 10 in.; Per Lin. Ft., \$0.90.
End Blocks, \$4.25 each. Pediments, \$12.00 each.



No. 420

Height 30 in., Proj. 12 in.; Per Lin. Ft., \$1.20.
End Blocks, \$4.50 each. Urns, \$2.20 each. Pediments, \$22.00 each.



No. 421

Height 28 in., Proj. 14 in.; Per Lin. Ft., \$1.00.
End Blocks, \$3.00 each. Urns, \$1.75 each. Pediments, \$16.00 each.

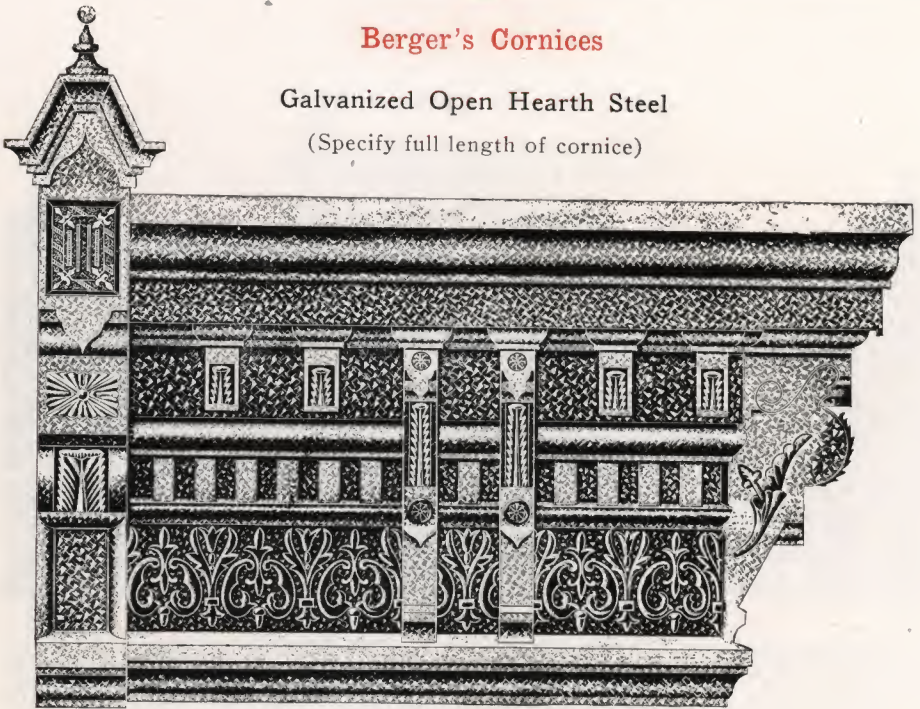
The quantity shipped governs the cost of crating which is charged extra.



Berger's Cornices

Galvanized Open Hearth Steel

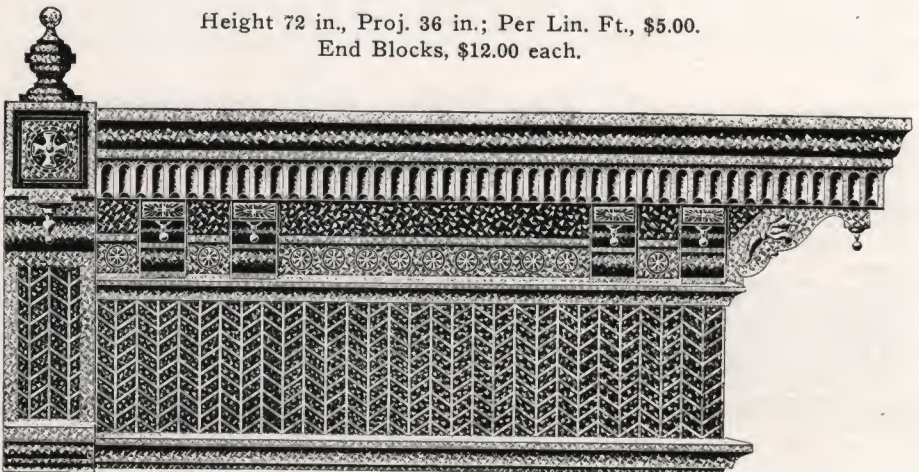
(Specify full length of cornice)



No. 431

Height 72 in., Proj. 36 in.; Per Lin. Ft., \$5.00.

End Blocks, \$12.00 each.



No. 435

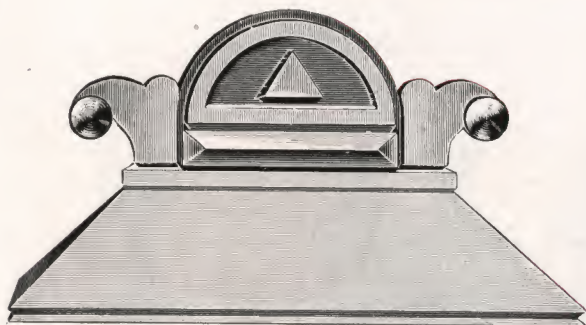
Height 48 in., Proj. 24 in.; Per Lin. Ft. \$2.50.

End Blocks, \$7.00 each. Urns, \$1.75 each.

The quantity shipped governs the cost of crating which is charged extra.



Berger's Hip Caps



Galvanized

Open Hearth Steel

No. 888

These hip caps greatly relieve the severity of the otherwise unattractive straight lines of a hip roof and improve the appearance of a building far beyond their cost.



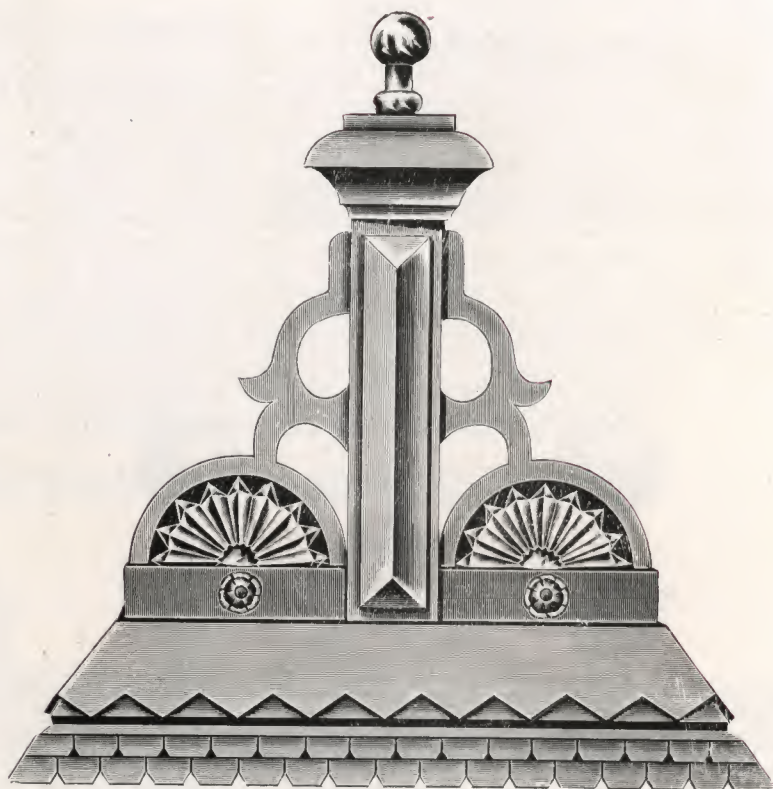
No. 887

When ordering give dimensions wanted at base of cap and advise the pitch of the roof.



Berger's Hip Caps

Galvanized Open Hearth Steel



No. 889

PRICE LIST

Size	No. 887	No. 888	No. 889
Under 24 inches long.....	\$15.00	\$ 8.50	\$15.00
24 to 36 inches long	16.50	9.50	16.50
36 to 48 inches long.....	18.00	10.50	18.00
48 to 60 inches long.....	19.50	12.00	20.00
60 to 72 inches long.....	23.00	14.00	22.50

Note—Crating is charged extra.



Berger's Tower Finials

Galvanized Open Hearth Steel

(Specify size and style of base and pitch of tower)



No. 640

18 Inches High

Oct. or Sq. Base, \$1.80
Round Base 3.50



No. 641

21 Inches High

\$2.50
2.50



No. 642

27 Inches High

\$3.50
3.50



No. 643

27 Inches High

\$2.50
2.50

NOTE—The quantity shipped governs cost of crating which is charged extra.



No. 644

27 Inches High

Oct. or Sq. Base, \$3.00
Round Base 3.00



No. 645

2½ Feet High

\$3.00
3.00



No. 649

3½ Feet High

\$5.00
7.00



No. 650

3½ Feet High

\$ 7.00
10.00



Berger's Tower Finials
Galvanized Open Hearth Steel

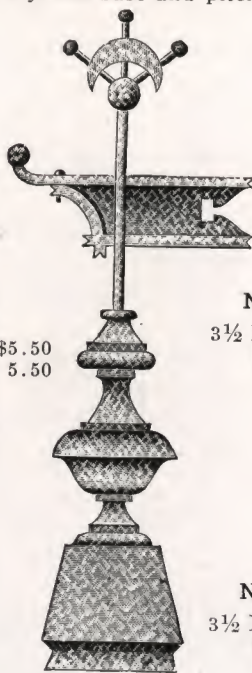
(Specify size and style of base and pitch of tower)



No. 594

No. 594

4 Feet High
Oct. or Sq. Base, \$5.50
Round Base 5.50



No. 651

No. 651

3½ Feet High
\$8.00
8.00



No. 558

No. 558

3½ Feet High
\$4.50
4.50



No. 552

No. 552

3½ Feet High
Oct. or Sq. Base, \$4.00
Round Base 4.00



No. 647

No. 647

3 Feet High
\$4.00
6.00



No. 554

No. 554

3½ Feet High
\$4.50
4.50



Berger's Tower Finials

Galvanized Open Hearth Steel

(Specify size and style of base and pitch of tower)



No. 587

4 Feet High

Oct. or Sq. Base, \$5.50

Round Base 5.50



No. 601

4 Feet High

Oct. or Sq. Base, \$5.75

Round Base 5.75



No. 556

4 Feet High

Oct. or Sq. Base, \$5.75

Round Base 5.75

NOTE—The quantity shipped governs cost of crating which is charged extra.



Berger's Tower Finials

Galvanized Open Hearth Steel

(Specify size and style of base and pitch of tower)



No. 608

4 Feet High

Oct. or Sq. Base, \$7.00

Round Base 7.00



No. 568

4 Feet High

Oct. or Sq. Base, \$12.00

Round Base 14.00



No. 553

4¼ Feet High

Oct. or Sq. Base, \$5.00

Round Base 5.00



Berger's Tower Finials

Galvanized Open Hearth Steel

(Specify size and style of base and pitch of tower)



No. 555

4¼ Feet High

Oct. or Sq. Base, \$5.00

Round Base 6.50



No. 557

4¼ Feet High

Oct. or Sq. Base, \$6.00

Round Base 6.00



No. 559

4¼ Feet High

Oct. or Sq. Base, \$7.00

Round Base 7.00



Berger's Tower Finials

Galvanized Open Hearth Steel

(Specify size and style of base and pitch of tower)



No. 560

4½ Feet High
Oct. or Sq. Base, \$7.00
Round Base 7.00



No. 561

5 Feet High
Oct. or Sq. Base, \$8.00
Round Base 8.00



No. 588

5 Feet High
Oct. or Sq. Base, \$5.75
Round Base 5.75



Berger's Tower Finials

Galvanized Open Hearth Steel

(Specify size and style of base and pitch of tower)



No. 595

5 Feet High

Oct. or Sq. Base, \$6.00
Round Base 6.00



No. 602

5 Feet High

Oct. or Sq. Base, \$7.50
Round Base 7.50



No. 609

5 Feet High

Oct. or Sq. Base, \$ 7.50
Round Base 10.00



Berger's Tower Finials

Galvanized Open Hearth Steel

(Specify size and style of base and pitch of tower)



No. 562

5 1/4 Feet High

Oct. or Sq. Base, \$7.50
Round Base 7.50



No. 589

6 Feet High

Oct. or Sq. Base, \$9.00
Round Base 9.00



No. 610

6 Feet High

Oct. or Sq. Base, \$7.50
Round Base 7.50



Berger's Tower Finials

Galvanized Open Hearth Steel

(Specify size and style of base and pitch of tower)



No. 563

5½ Feet High

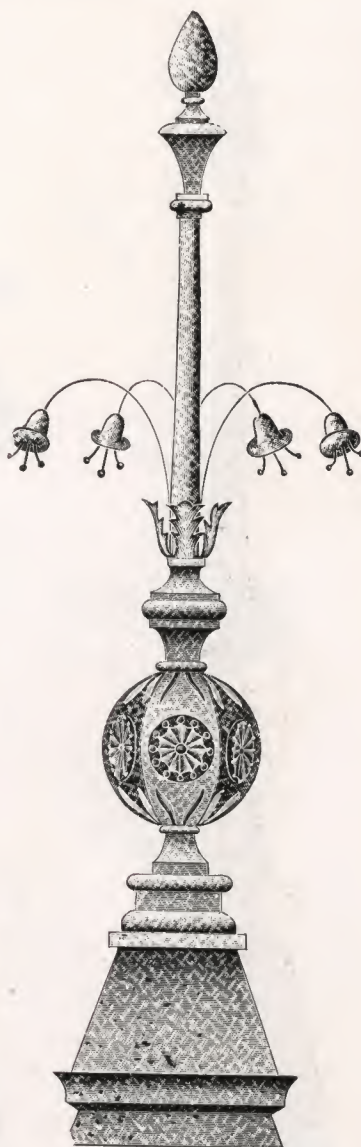
Oct. or Sq. Base, \$ 8.00
Round Base 10.00



No. 596

6 Feet High

Oct. or Sq. Base, \$6.50
Round Base 6.50



No. 657

6 Feet High

Oct. or Sq. Base, \$10.00
Round Base 11.00



Berger's Tower Finials

Galvanized Open Hearth Steel

(Specify size and style of base and pitch of tower)



No. 603

6 Feet High
Oct. or Sq. Base, \$8.00
Round Base . . . 8.00



No. 565

6½ Feet High
Oct. or Sq. Base, \$12.00
Round Base . . . 14.00



No. 611

7 Feet High
Oct. or Sq. Base, \$12.00
Round Base . . . 12.00



Berger's Tower Finials

Galvanized Open Hearth Steel

(Specify size and style of base and pitch of tower)



No. 570

No. 570
7 Feet High
Oct. or Sq.
Base, \$15.00
Round Base,
\$15.00



No. 572

No. 572
7 1-6 Ft. High
Oct. or Sq.
Base, \$17.00
Round Base,
\$20.00



No. 659

No. 659
7 Feet High
Oct. or Sq.
Base, \$23.00
Round Base,
\$23.00

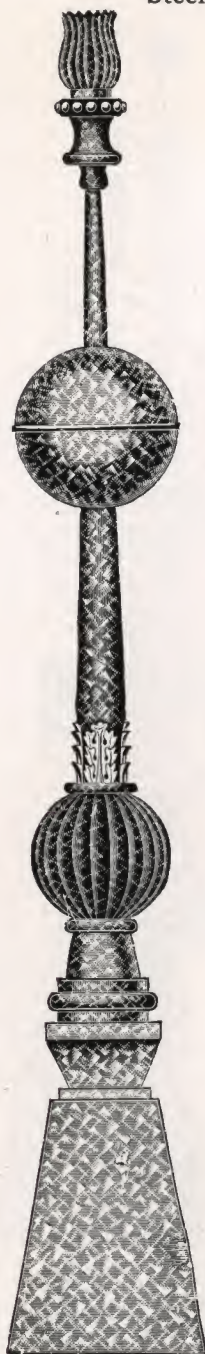


Berger's

Finials

Galvanized Open Hearth
Steel

(Specify size and style of base
and pitch of tower)



No. 590

No. 590
7 Feet High
Oct. or Sq.
Base, \$10.00
Round Base,
\$10.00



No. 605

No. 605
8 Feet High
Oct. or Sq.
Base, \$13.00
Round Base,
\$13.00



No. 597

No. 597
7 Feet High
Oct. or Sq.
Base, \$10.00
Round Base,
\$10.00



Berger's Tower Finials

Galvanized Open Hearth
Steel

(Specify size and style of base
and pitch of tower)



No. 604

No. 604

7 Feet High

Oct. or Sq. Base, \$11.00
Round Base . . . 11.00



No. 571

No. 571

7 1/8 Feet High

Oct. or Sq. Base, \$20.00
Round Base . . . 20.00



Berger's

Finials

Galvanized Open Hearth
Steel

(Specify size and style of base
and pitch of tower)



No. 575

8½ Feet High

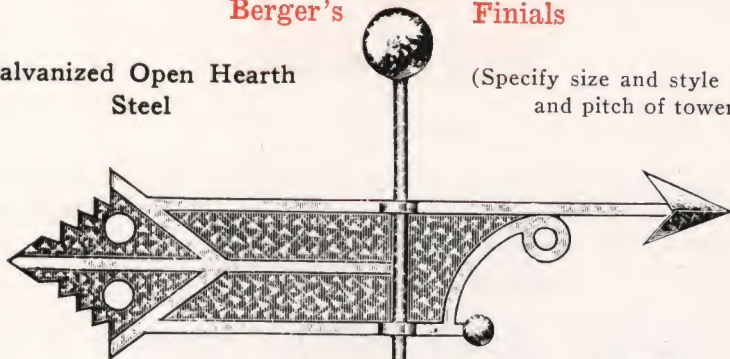
Oct. or Sq. Base, \$20.00

Round Base 20.00



Berger's

Finials

Galvanized Open Hearth
Steel(Specify size and style of base
and pitch of tower)

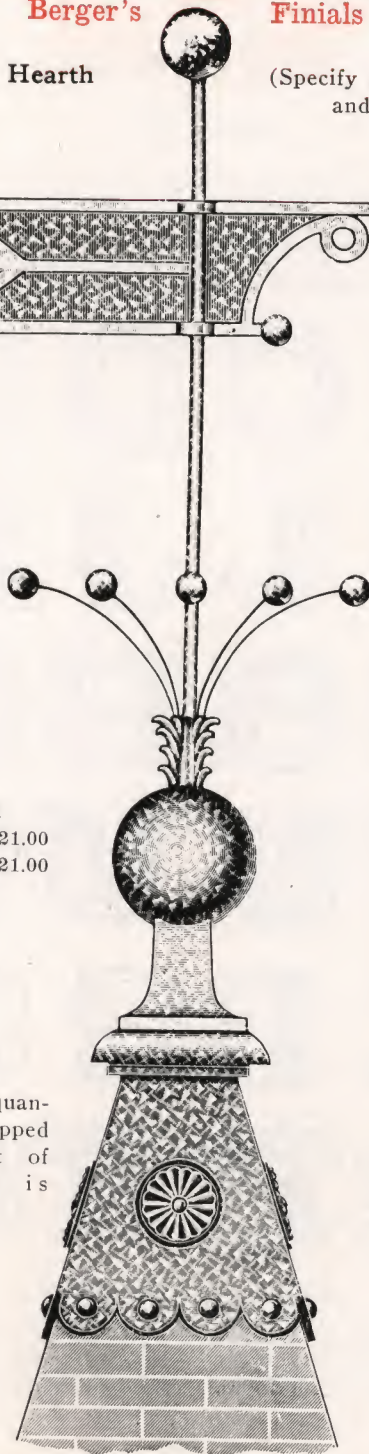
No. 574

7 $\frac{3}{4}$ Feet High

Oct. or Sq. Base, \$21.00

Round Base 21.00

NOTE—The quantity of Finials shipped governs the cost of crating which is charged extra.





Letters and Figures

Roman Style

These Letters and Figures are stamped in copper or zinc, and are intended for cornice makers and sign painters. When used on wooden signs they are tacked on the wooden background with light wire nails.

Made in 6 and 12-inch Sizes



PRICE LIST FOR ZINC

6-inch size, Roman Style, each, 40 cents.

12-inch size, Roman Style, each, 70 cents.

Copper Letters and Figures priced on specifications only.



Letters and Figures

Block Style

These Letters and Figures are stamped in copper or zinc and are intended for cornice makers and sign painters. When used on wooden signs they are tacked on the wooden background with light wire nails.

Made in 8-inch Size Only



PRICE LIST FOR ZINC

8-inch size, Block Style, each, 50 cents.

Copper Letters and Figures priced on specifications Only.



Single Corrugated Iron Doors and Shutters



or Open Hearth Steel

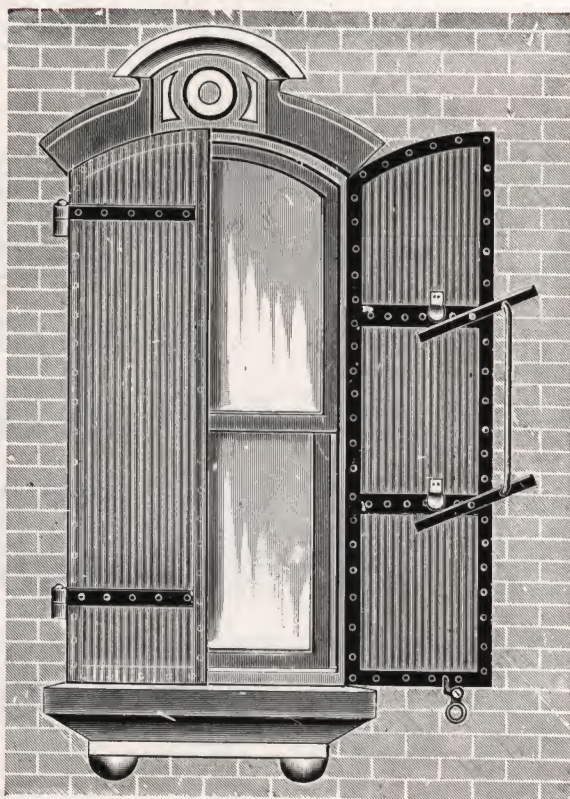



Fig. 54

ECONOMICAL AND DURABLE

Made of No. 18 and 20 Gauge Corrugated Steel or Toncan Metal, and stiffened with Angle Iron Frame.

We will quote special prices on Doors and Shutters, if parties wanting them will state size and number wanted.

When ordering, accurate specifications and dimensions must be furnished, as indicated by diagrams; this is of great importance, both to the customer and to us.

 We can furnish Shutter Hinge Eyes for brick, stone or frame buildings.



Berger's Twentieth Century Anti-Freezing Pump

Heavy Corrugated Steel, Galvanized. Neat, Handy, Efficient, Cleanly.
Durable, Reasonable in Price.

Superior to wood and cast iron pumps.

The well known objections to wooden pumps, such as checking, splitting, rotting, and tainting of water, are all successfully done away with in Berger's Twentieth Century Pump, shown in the accompanying cut.

The body being of corrugated form allows for expansion, therefore no injury occurs by freezing. The cast iron base is adjustable, and can be set at any height to suit purchaser. The cylinders are of cast iron—practically unbreakable.

The pump works perfectly, lifting the water easily and rapidly. The price is reasonable, and combined with the quality and efficiency of the pump, makes it an easy and profitable article for the dealer.

They have been on the market for many years serving under greatly varying conditions and have always given excellent satisfaction.

Write for full particulars.

PRICE LIST

House Well Pump

Pump No.	Size Cylinder in inches	Length in Feet	Shipping Weight	List, Each
6	3 1/4	7	42 lbs.	\$ 7.50
7	3 1/4	8	44 lbs.	8.00
8	3 1/4	9	46 lbs.	8.50
9	3 1/4	10	48 lbs.	9.00
10	3 1/4	11	50 lbs.	9.50

Above fitted for our 1 1/8 inch galvanized lock-seam tubing or 1 1/4 inch standard gas pipe. Unless otherwise ordered we ship all pumps fitted for gas pipe.

Large Farm Pump

Pump No.	Size Cylinder in inches	Length in Feet	Shipping Weight	List, Each
1	4	7	49 lbs.	\$ 8.50
2	4	8	52 lbs.	9.00
3	4	9	55 lbs.	9.50
4	4	10	58 lbs.	10.00
5	4	11	60 lbs.	10.50

Above fitted for either 1 1/8 inch galvanized lock-seam tubing, or 2 inch standard gas pipe.

Galvanized Lock-Seam Tubing, 17c. per foot; Couplings, 40c. per pair.



Mixed Paints



MADE READY FOR THE BRUSH

Prepared expressly for Sheet Metal Roofing, Siding, etc.

Iron Oxide, Dark Red Color: One gallon spreads a good coat over 400 to 500 square feet.

Graphite, Dark Slate Color: One gallon spreads a good coat over 600 to 700 square feet.

PRICES

	Iron Oxide	Graphite
One gallon kit, per gallon
Two, three and four gallon kits, per gallon
Five gallon kits, per gallon
Ten gallon tubs, per gallon
Twenty-five gallons, half barrel, per gallon
Fifty gallons, barrel, per gallon

Dry Iron Ore Paint



Color—Dark Red

Used for Painting Metal Roofing and Siding and Iron Work of all kinds.

PRICES

Kegs, 100 lbs, per lb., net.....	....
Barrels, 400 lbs., per lb., net.....	....



Gilsonite Elastic Roofing Cement

The Cement That Does Not Crack, Flake or Check



Gilsonite, due to its wonderful elastic qualities, which permits it to expand and contract with the materials upon which it is used, is naturally placed in a class by itself.

Due to the composition of this cement it is capable of being applied in wet or dry weather on any material, glass and steel being no exception.

It sets just hard enough to eliminate the possibility of its being washed or rubbed off. Its remarkable adhesiveness and wonderful elasticity is commendable.

No experienced help is necessary for its application—a trowel and a pair of hands being the only necessary tools.

Wherever placed it stops the leak instantly. There is nothing to mix or stir—no preparation is required—no complicated directions; just two hands and a trowel—the positive and simple method.

Gilsonite Cement, in cubic contents, is much greater than that of ordinary cement. It does the work by using about one-half the quantity which would be required were ordinary cement used.

Therefore, on the completed work 100 lbs. of Gilsonite Cement is equivalent to 600 lbs. of the ordinary cement.

It holds much firmer and because of its wonderful elasticity the bond is not broken by the expansion or contraction of the material upon which it is applied.

It is put up in 25 lb. galvanized iron buckets; 150 lb. kegs; one-half barrels containing 250 lbs. and barrels of 500 lbs. of the material.

Prices quoted upon application.

T H E B E R G E R



M A N U F A C T U R I N G C O .

Berger's *Classik* Ceilings

Something of Interest to Every Dealer



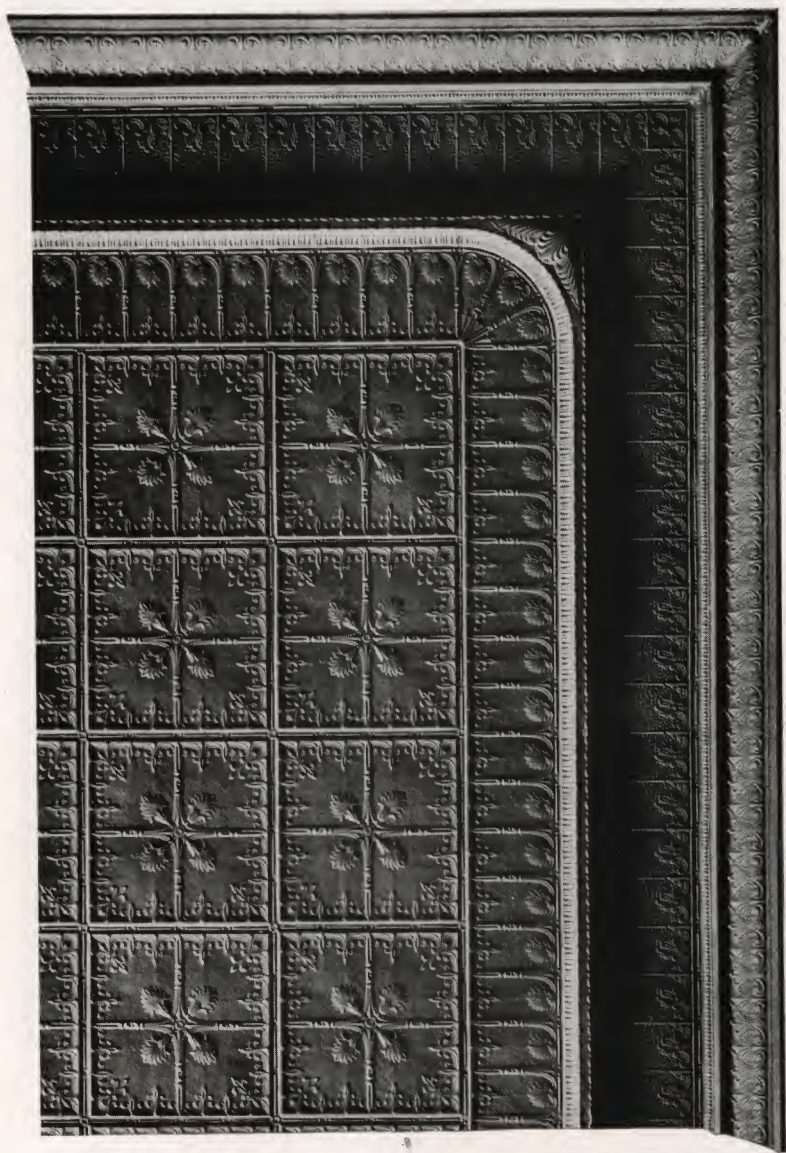
If you are a mechanic, or if you employ mechanics, you should sell Steel Ceilings, because there is no other specialty more desirable, nor more profitable. We make it an easy proposition, because from accurate measurements we furnish working drawings, and our explicit "Directions to Ceiling Constructors" correctly guide you—no guess work about it.

You have no dead investment, because we carry the stock, and with our facilities we can give prompt service.

Berger's "Classik" Ceilings embrace the greatest variety of designs to select from—the strongest line on the market.

If interested, ask for our special catalogue with prices and full information; the designs shown on the following pages give but a hint of what we have.

We have an interesting agency proposition.



Greek Design No. 4861

Shows section 8 x 12 feet.

Composed of Cornice No. 4243, Filler No. 4135. Molded Border No. 4240. Plate No. 4239.	
Price based on room 20 x 60 feet or larger.....	\$ 9.00 per square
Price based on room 18 x 40 feet or larger.....	9.25 per square
Price based on room 18 x 25 feet or larger.....	9.50 per square
Price based on room 15 x 20 feet or larger.....	9.75 per square
Price based on room 12 x 15 feet or larger.....	10.25 per square

Stamped Miters for Cornice No. 4243, 60c. each extra.

Cornice No. 4243, depth 9 inches; projection 9 inches. Any depth Cornice may be substituted to suit conditions.

NOTE—Wood furring strips must be used when working over plaster or joists; preferred size, $\frac{7}{8}$ x $1\frac{1}{4}$ inches. Metal may be nailed directly to wood sheathing.

**Romanesque Design No. 4987**

Showing section 8 x 12 feet.

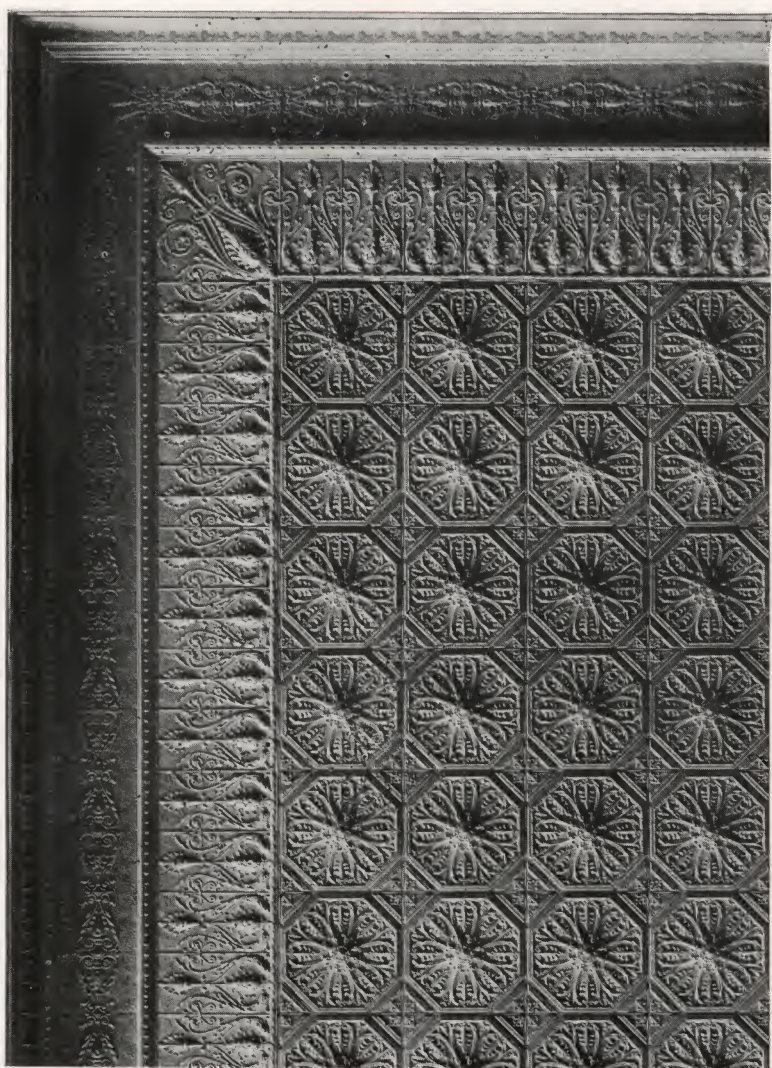
Composed of Cornice No. 4498. Filler No. 4335. Molded Border No. 4529. Plate No. 4523.

Price based on room 20 x 60 feet or larger.....	\$ 9.00 per square
Price based on room 18 x 40 feet or larger.....	9.25 per square
Price based on room 18 x 24 feet or larger.....	9.60 per square
Price based on room 15 x 20 feet or larger.....	10.00 per square
Price based on room 12 x 15 feet or larger.....	10.75 per square

Stamped Miters for Cornice No. 4498, 75c. each extra.

Cornice No. 4498, depth 12 inches; projection 12 inches. Any depth cornice may be substituted to suit conditions.

NOTE—Wood furring strips must be used over plaster or joists; preferred size, $\frac{7}{8}$ x $1\frac{1}{4}$ inches. Metal may be nailed to wood sheathing.



Italian Design No. 5111

Shows section 13 x 21 feet.

Composed of Cornice No. 4333. Filler No. 4431. Molded Border No. 4434. Plate No. 4444.

Price based on room 20 x 60 feet or larger.....	\$ 9.30 per square
Price based on room 18 x 40 feet or larger.....	9.60 per square
Price based on room 18 x 25 feet or larger.....	9.85 per square
Price based on room 15 x 20 feet or larger.....	10.20 per square
Price based on room 12 x 15 feet or larger.....	10.80 per square

Stamped Miters for Cornice No. 4333, 60c. each extra.

Cornice No. 4333, depth 8½ inches; projection 8½ inches. Any depth Cornice may be substituted to suit conditions.

NOTE—Wood furring strips must be used when working over plaster or joists; preferred size, 7/8 x 1¼ inches. Metal may be nailed directly to wood sheathing.

**Colonial Design No. 5383**

Shows section 8 x 12 feet.

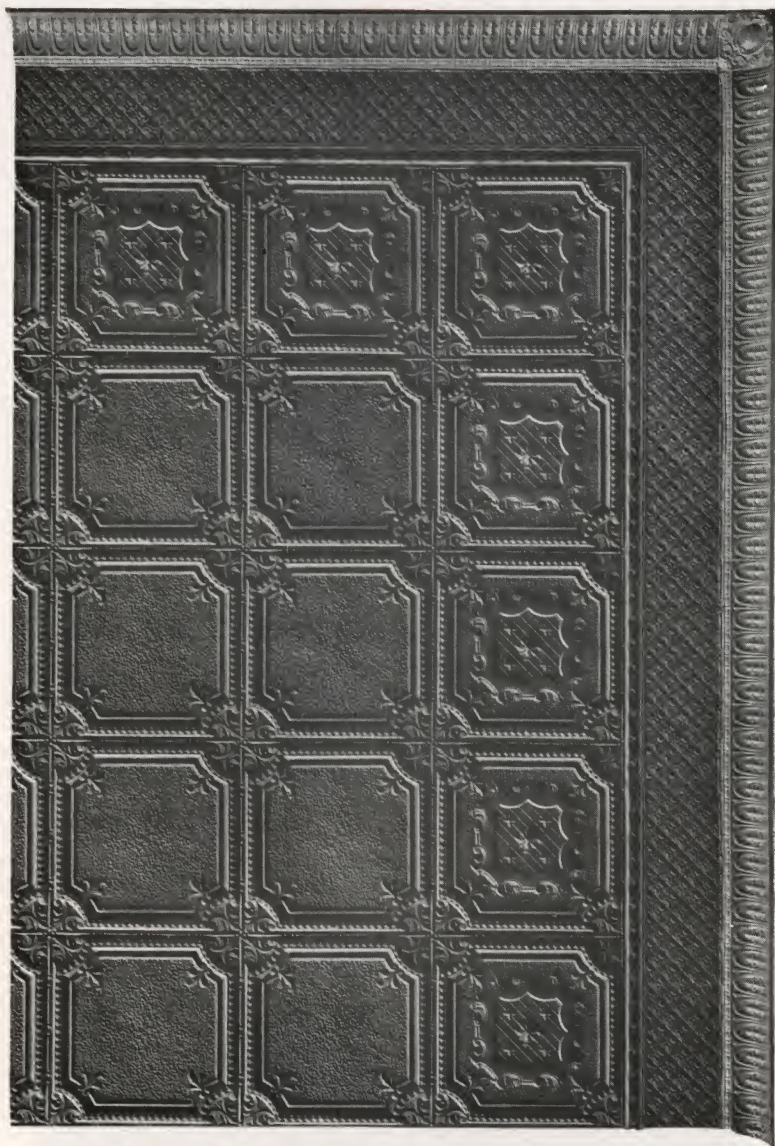
Composed of Cornice No. 4557-A. Filler No. 4555. Panel No. 4172.

Price based on room 20 x 60 feet or larger.....	\$9.00 per square
Price based on room 18 x 40 feet or larger.....	9.20 per square
Price based on room 18 x 25 feet or larger.....	9.35 per square
Price based on room 15 x 20 feet or larger.....	9.45 per square
Price based on room 12 x 15 feet or larger.....	9.75 per square

Stamped Miters for Cornice No. 4557-A, 60c. each; Leaves, 45c. each extra.

Cornice No. 4557-A, depth 9 inches; projection 7 inches. Any depth Cornice may be substituted to suit conditions.

NOTE—Wood furring strips must be used; preferred size $\frac{7}{8}$ x $1\frac{1}{4}$ inches. Metal cannot be nailed directly to wood sheathing owing to depth of field panels.

**French Renaissance Design No. 5248**

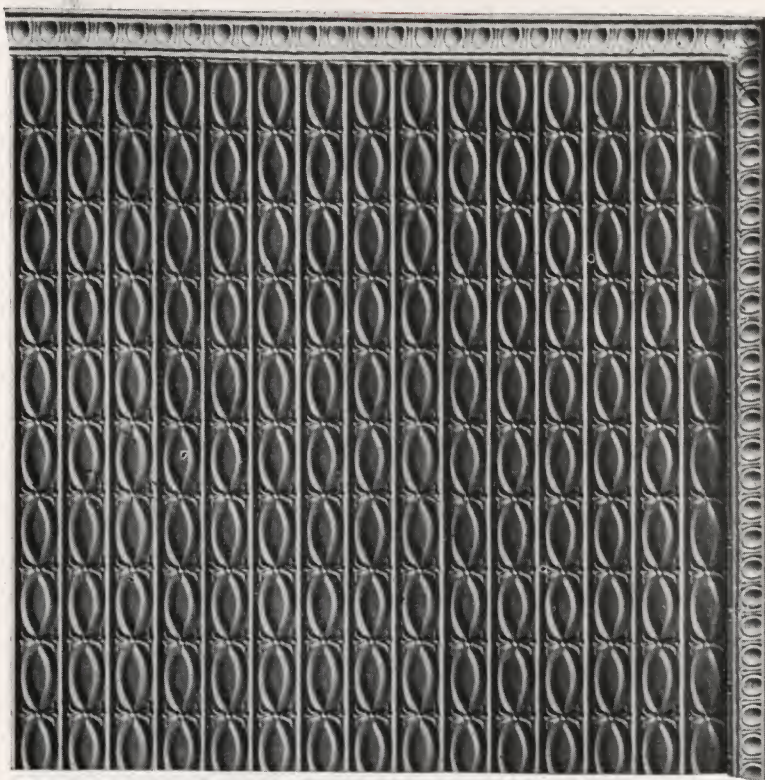
Shows section 8 x 12 feet.

Composed of Cornice No. 4632. Filler No. 4458. Border No. 4609. Field No. 4619.	
Price based on room 20 x 60 feet or larger.....	\$ 9.15 per square
Price based on room 18 x 40 feet or larger.....	9.35 per square
Price based on room 18 x 25 feet or larger.....	9.50 per square
Price based on room 15 x 20 feet or larger.....	9.75 per square
Price based on room 12 x 15 feet or larger.....	10.00 per square

Stamped Miters for Cornice No. 4632, 40c. each extra.

Cornice No. 4632, depth 6 inches; projection 6 inches. Any depth Cornice may be substituted to suit conditions.

NOTE—Wood furring strips must be used when working over plaster or joists; preferred size, $\frac{7}{8}$ x $1\frac{1}{4}$ inches. Metal may be nailed directly to wood sheathing.



Dublin Scroll Design No. 4730

Composed of Plates No. 4100, 24 x 96 inches; list price $7\frac{1}{4}$ cents per square foot and Cornice No. 4335, depth 3 inches, projection 3 inches; list price $5\frac{1}{2}$ cents per lineal foot.

For Stores, Storage Rooms, Basements, Lofts, etc.

Consider fire protection and a permanent finish by using steel ceilings.

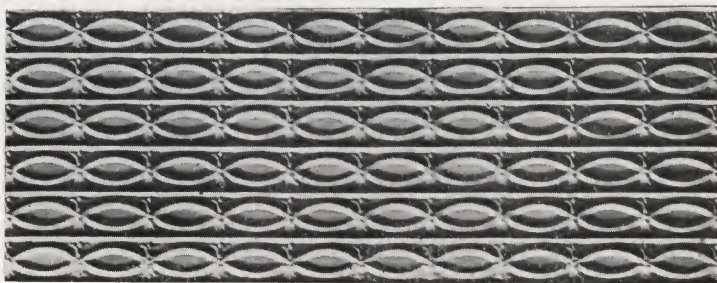
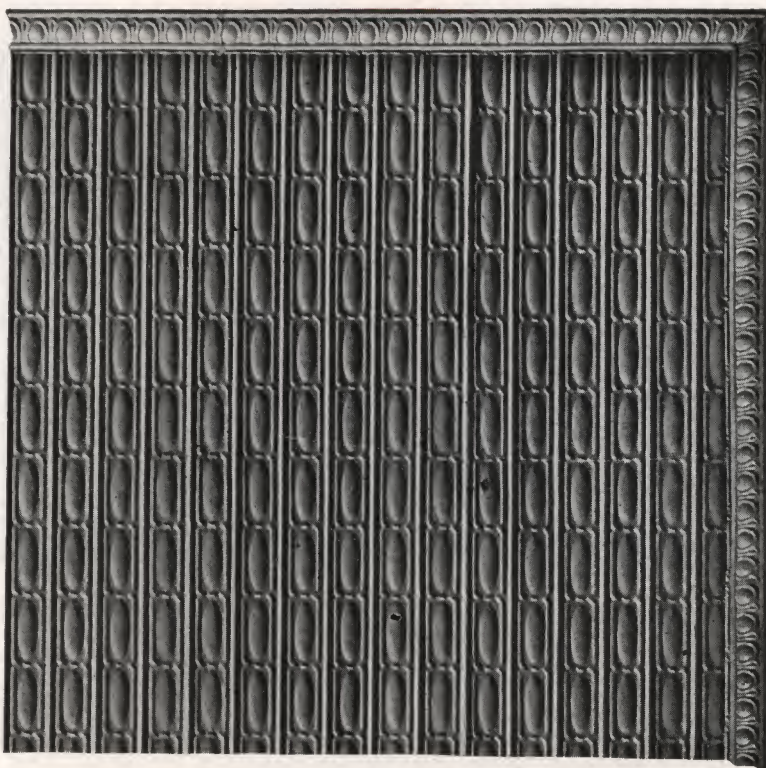


Plate No. 4100

List price $7\frac{1}{4}$ cents per square foot.

For ceilings and walls. Sheets cover 24 x 96 inches; allowance made for side and end laps.



English Boss Design No. 4732

Composed of Plates No. 4101, 24 x 96 inches; list price 7¼ cents per square foot and Cornice No. 4335, depth 3 inches, projection 3 inches; list price 5½ cents per lineal foot.

For Stores, Storage Rooms, Basements, Lofts, etc.

Cost of insurance is reduced by using steel ceilings.

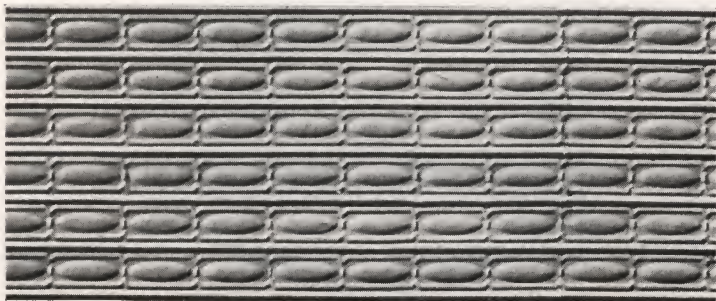


Plate No. 4101

List price 7¼ cents per square foot.

For ceiling and walls. Sheets cover 24 x 96 inches; allowance made for side and end laps.




RIB-TRUS

The Perfect Furring Plate

The introduction of Berger's **RIB-TRUS** marks the culmination of a lengthy series of tests and experiments to obtain a universal Reinforcing and Furring Plate which would meet the long existing demand.

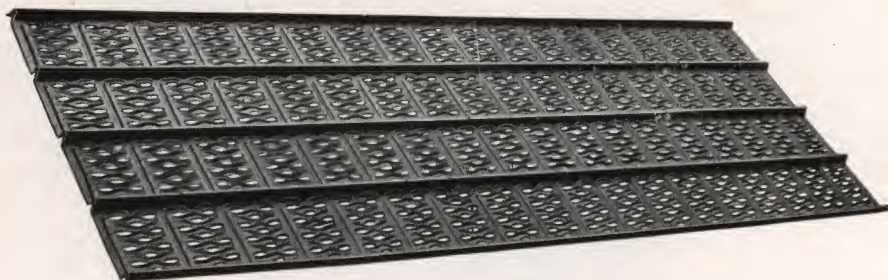
No better evidence of our success could be shown than the favor with which **RIB-TRUS** Reinforcing and Furring Plate is being received.

RIB-TRUS is made of Open Hearth sheet steel or Rust-Resisting  sheets.

Standard sheets are 24" wide and are carried in stock in the following lengths: 4, 5, 6, 8, 10 and 12 feet.

Each sheet has five longitudinal ribs, 6 inches apart on centers, and varying in height as follows: $\frac{1}{2}$ ", $\frac{3}{4}$ " and 1", the standard being $\frac{3}{4}$ ".

Sheets are made in the following gauges: 28, 27, 26 and 24—either plain or painted.



Design of **RIB-TRUS** Reinforcing and Furring Plate

The remarkable stiffness which is a distinctive feature of **RIB-TRUS** is due to the ribs and the truss design of the loops forming the plate; a series of cross beads, 4" on centers run across the plate between the ribs; the loops span between these and are parallel with the ribs.

Reference to the above illustration, from an actual photograph of a sheet of **RIB-TRUS**, will make this clear.

The rigidity imparted to the plate by the ribs (which act as beams), is sufficient that no support or centering whatever is needed on short spans, while concrete can be applied easier and quicker than is the case with any other furring plate.

Another very valuable feature of **RIB-TRUS** Reinforcement is its great tensile strength.

The metal is only slit parallel to the strain, which is parallel with the ribs; it is NOT cut at right angles to the ribs and thus no tensile strength is lost, all the metal in the sheet going into tension.



RIB-TRUS Reinforcing and Furring Plate

When the concrete is applied to the plate, it engages with the loops in such a manner as to form a perfect lock (see illustration), and is absolutely bonded when thoroughly set.

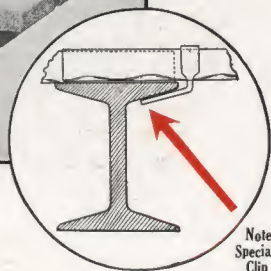
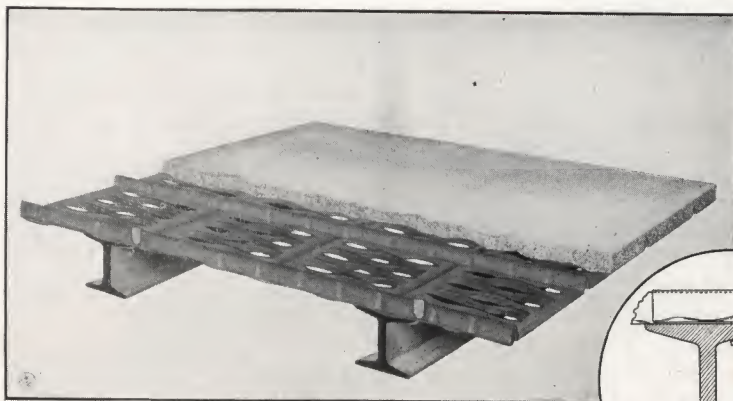
At the same time, elongation of the plate cannot take place unless the concrete is crushed—a practical impossibility.

The design of **RIB-TRUS** Reinforcing and Furring Plate produces a dovetail clinch on the under side; this locks the concrete on from below, resulting in a homogeneous mass thoroughly reinforced by the strength of the plate.

Placing **RIB-TRUS** plates in position is easy and rapid on account of their width and uniformity, and the fact that no false work or centering is required.

Special clips for fastening the plates to purlins are provided and are very easily adjusted—no nuts or bolts to bother with; all the work can be done from the top.

The method by which the **RIB-TRUS** construction is applied is as simple as the plate itself. Note illustration below.



RIB-TRUS Plate Fastened to Purlins and Partly Concreted

RIB-TRUS Reinforcing and Furring Plate effects a great saving in material owing to the extremely small amount of drip that takes place when concrete is being applied; this is due to the effective design of the interlocking loops which retain practically all the cement.

RIB-TRUS plate is a safeguard against faulty work, notwithstanding the fact that a job can be completed with this plate in much less time than is required for other reinforcing material.

RIB-TRUS is adapted for roofs, floors, walls, partitions, ceilings, stucco houses, silos—in fact for every purpose for which concrete or plaster and lath can be used. It is particularly good for stucco work.

When these Reinforcing and Furring Plates are in position the ribs lie against the sheathing or studs, obviating the necessity of special furring strips.

Note weights, sizes and lengths on next page. The sheets are exactly alike in the respective sizes, and nest perfectly for shipment.

Low in cost, saves labor and material; you can effect a big saving all around and make a better job with **RIB-TRUS** than with any other material for the same purpose.



RIB-TRUS

Curved Rib-Trus is especially adapted for floors where heavy loads are to be carried. Also for silos, culverts, conduits, etc.



In ordering curved plates the width of arch should be given and the rise at crown of plate. $\frac{3}{4}$ " x 24" is standard for curved sheets. Light gauge and 1" ribs do not curve as well on account of buckling.

Plastering

After concrete has been filled in the underside of plates should be plastered which makes a neat and effective ceiling.

Weights, Sizes and Lengths of RIB-TRUS Plates

Gauge	Covering Width Inches	Stock Lengths Feet	Weight, per Square, Pounds		
			$\frac{1}{2}$ " Rib	$\frac{3}{4}$ " Rib	1" Rib
28	24	4, 5, 6, 8, 10 & 12	73	78	83
27	24	4, 5, 6, 8, 10 & 12	81	86	92
26	24	4, 5, 6, 8, 10 & 12	88	94	100
24	24	4, 5, 6, 8, 10 & 12	117	125	133

Special Lengths

Where specifications call for plates other than stock lengths, the waste in cutting to special sizes will be charged at current prices of sheets.



Multiplex Steel Plate Steel Plates

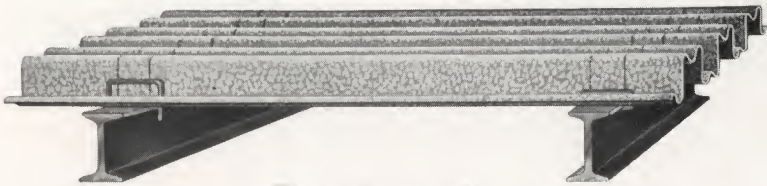
Multiplex Steel Plates consist of steel sheets formed into a series of continuous corrugations, ending at the top and bottom in three half-circle arches separating the sides of these corrugations from each other. The depth of corrugations and gauge of material is varied according to the span and the load to be carried.

In installing the plates they are placed upon the bearings and the upper portion of manifold is filled with concrete which can be put on immediately and should be lightly tamped. While filling the plate the concrete is incidentally moulded into a series of concrete beams which reduce the dead load of concrete about thirty per cent.

MULTIPLEX Steel Plates are made of Nos. 16 to 24 gauge sheet steel, either painted or galvanized, and formed into corrugations with depths as listed below. (See end section, Figure 1.)

Multiplex Plates cannot be curved.

End Section of Multiplex Steel Plate



Floor Construction

Figure 2 shows MULTIPLEX Steel Plate used in its simplest form, being that ordinarily found in bridge floor construction, warehouses, and similar work.

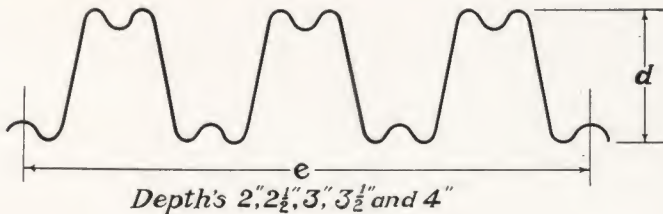


Fig. 1

d = depth.

e = effective covering width.

When $d = 2''$, $e = 13\frac{1}{2}''$

When $d = 3''$, $e = 14\frac{1}{2}''$

When $d = 2\frac{1}{2}''$, $e = 14''$

When $d = 3\frac{1}{2}''$, $e = 15''$

When $d = 4''$, $e = 15''$



Berger's *Ferro-Lithic* Plates

Ferro-Lithic

Steel Plates are plates whose cross-section shows a continued series of alternate dove-tails, as shown in Fig. 1. Because of this shape it is possible to concrete and plaster directly upon the plate in the manner shown in Fig. 2.

The constant demand for light weight and consequent low dead load in concrete construction was a reason for the *Ferro-Lithic* Interlocking System of Concrete Reinforcement.

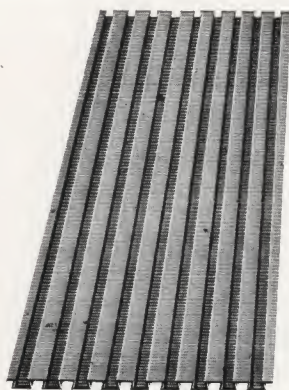


Fig. 1

Ferro-Lithic Plate Ready to Lay



Fig. 2

Ferro-Lithic Plate Concreted on Top,
Plastered Underneath

Plate Standards

Ferro-Lithic Steel Plates are made of gauges 22, 24 and 26, and depths of $\frac{1}{2}$, $\frac{3}{8}$ and $\frac{3}{4}$ inches. The standard plate is the No. 24 gauge plain, unpainted, with dove-tails $\frac{1}{2}$ -inch deep.

The effective covering width of the $\frac{1}{2}$ -inch depth plate is 20 inches; of the $\frac{3}{8}$ -inch depth, 18 inches; and of the $\frac{3}{4}$ -inch depth, $16\frac{1}{2}$ inches.

All depths and gauges can be furnished in any length up to and including 10 feet, and can be furnished cut to size or formed into special shape. They can be curved for segmental arch construction in No. 24 gauge and depths of $\frac{1}{2}$ and $\frac{3}{8}$ inches, and no other size or gauge can be curved.

The most desirable spacing of purlins is at centers of 4 feet $10\frac{1}{2}$ inches so as to provide for the use of a 10-foot sheet and a lap of three inches at the end of the plate. The plates are placed into position and securely anchored to the framing by special clips and if weather is unsuitable for concreting, the plates may be applied and the concreting and plastering completed at a later, more convenient date.

The standard *Ferro-Lithic* Roof Slab weighs approximately 16 pounds per square foot, concreted, plastered and water-proofed.



Table of Safe Live Loads

Factor of Four

Flat *Ferro-Lithic* Reinforced Slabs

Clear Span	Depth of Concrete Over Top of Plates								
	0"	½"	1"	1½"	2"	2½"	3"	3½"	4"
2'-0"	159	415	718	1025	1325	1665	1955	2270	2620
2'-6"	100	265	460	655	848	1065	1250	1455	1680
3'-0"	70	184	319	455	588	738	869	1010	1165
3'-6"	53	138	238	335	438	539	638	741	855
4'-0"	40	105	181	256	335	413	489	568	655
4'-6"	31	84	144	208	269	330	394	458	519
5'-0"	25	<u>68</u>	116	168	218	268	319	370	420
5'-6"	21	54	<u>95</u>	138	179	221	253	305	346
6'-0"	18	45	80	<u>115</u>	150	186	221	256	291
6'-6"	15	38	69	99	<u>129</u>	159	189	219	248
7'-0"	13	33	59	85	111	<u>136</u>	163	189	214
7'-6"	11	29	51	74	95	119	<u>141</u>	164	185
8'-0"	10	25	45	65	84	104	124	<u>144</u>	163
8'-6"	9		40	59	76	93	111	124	<u>144</u>
9'-0"	8			52	68	83	99	113	129
9'-6"	7				60	75	88	101	115
10'-0"	6					68	79	91	104

NOTE:—Loads for ½" depth and 24 gauge only.

Loads per square feet uniformly distributed.

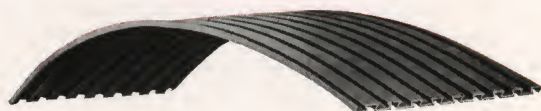
Loads below heavy lines show excessive deflection.

Data of safe loads for other depths and gauges furnished on application.

SPECIAL Clips will be furnished for fastening the plates to the Purlins or beams, also for fastening the sides of the Plates together between the bearings to prevent separating while concrete is being applied.

Record of Tests—*Ferro-Lithic*

Arch Construction

Curved *Ferro-Lithic* Plate Ready to Lay

No. 1

Plates $\frac{1}{2}$ inch deep, No. 24 gauge plain steel.
Span, 5 ft. 8 in. Width, 3 ft. 3 in. Area, 18.42 sq. ft.
Concrete, 1:2:4. Depth over plate at crown, 2 inches.
Rise of arch at crown, 12 inches. Tie rods, $2\frac{3}{4}$ in. round.
Loaded at center on a plank 8 inches wide.
Total equivalent breaking load per sq. ft. uniformly distributed 2060 pounds.

No. 2

Plates $\frac{1}{2}$ inch deep, No. 24 gauge plain steel.
Span, 7 ft. 7 in. Width, 3 ft. $2\frac{1}{2}$ in. Area, 24.30 sq. ft.
Concrete, 1:2:4. Depth over plate at crown, $2\frac{1}{2}$ in.
Rise of arch at crown, 15 inches. Tie rods $2\frac{3}{4}$ in. round.
Loaded at center on a plank 8 inches wide.
Total equivalent breaking load per sq. ft. uniformly distributed 1640 pounds.

No. 3

Plates $\frac{1}{2}$ inch deep, No. 24 gauge plain steel.
Span 9 ft. 9 in. Width, 3 ft. $2\frac{1}{2}$ in. Area, 31.30 sq. ft.
Concrete, 1:2:4. Depth over plate at crown, $1\frac{1}{2}$ in.
Rise of arch at crown, 18 inches. Tie rods, $2\frac{3}{4}$ in. round.
Loaded at center on a plank 12 inches wide.
Total equivalent breaking load per sq. ft. uniformly distributed 905 pounds.

No. 4

Plates $\frac{5}{8}$ inch deep, No. 24 gauge plain steel.
Span, 8 ft. 0 in. Width, 3 ft. 2 in. Area, 25.25 sq. ft.
Concrete, 1:2:4. Depth over plate at crown, 3 inches.
Rise of arch at crown, 15 inches. Tie rods, $2\frac{3}{4}$ in. round.
Loaded at center on a plank 8 inches wide.
Total equivalent breaking load per sq. ft. uniformly distributed 2190 pounds.

Ferro-Lithic Plates curved for segmental arch construction (Fig. 7) are stronger than ordinary curved corrugated sheets, and permit of a much handsomer finish on the under side or ceiling, as they can be plastered and decorated. This construction is very strong and is particularly adaptable to heavy duty floors in Store, Factory, Warehouse and similar buildings.

Special Catalog giving full details and particulars will be mailed on request.



Berger's *Ferro-Lithic*

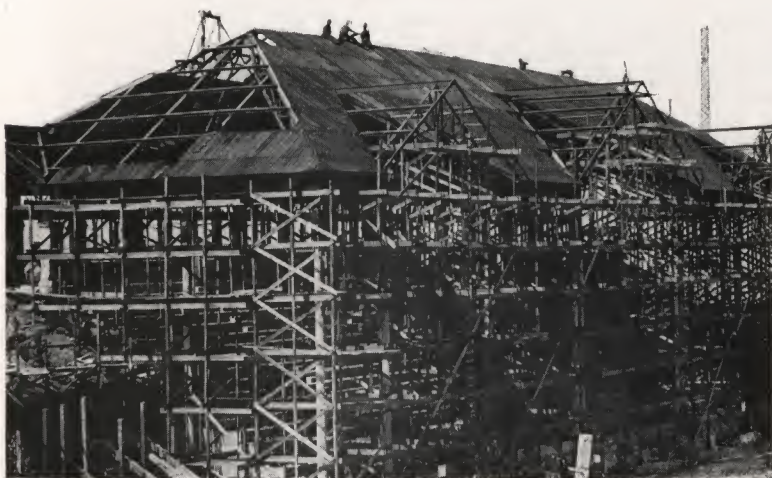


Grand Stand, Syracuse University Stadium

Revels & Hallenbeck,
Architects,

Consolidated Engineering & Construction Co.
Contractors,

Ferro-Lithic for Roof



Laying Roof Plates at the Syracuse Stadium Grand Stand

Architects,
Revels & Hallenbeck,
Syracuse, N. Y.

Contractors,
Consolidated Engineering & Construction Co.
Syracuse, N. Y. and New York, N. Y.



Berger's Raydiant System of Sidewalk, Vault and Floor Lights

Daylight properly transmitted is one way of transforming dead space into a valuable asset.

Your basement and the space under sidewalk, peculiarly adapted for various uses, can be made habitable and valuable from the investment viewpoint.



BERGER'S
Raydiant

Lights in Hollander Baths, New York City
View from Below

Berger's Raydiant System is scientifically designed and is the true means of transmitting daylight into artificially lighted spaces, the initial investment representing the only cost.

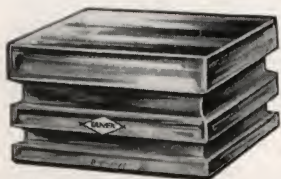
Write for catalogue giving detailed information, tables of safe loads, etc.

Give actual measurements of opening and state the style of glass required to obtain the result desired—we will name an interesting price.



Berger's Standard Glass, "Tanex" Quality

Designed to provide the greatest possible amount of light. "TANEX" quality represents the highest perfection obtained in the production of clear and tough glass—the essential features in Sidewalk, Vault and Floor Light Glass.



No. 5, Plain, Square Glass

Berger's No. 6 is the standard plain round glass for the same purpose as No. 5, but being round, it presents less lighting surface. It is $2\frac{3}{4}$ inches in diameter and $1\frac{1}{2}$ inches deep.



No. 6, Plain, Round Glass

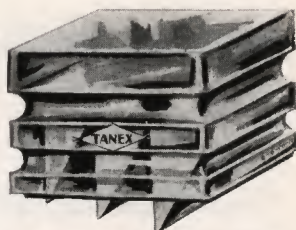


No. 7, Square, Pendant Prism Glass

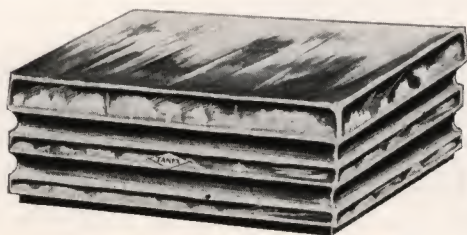
Berger's No. 7 is the standard square, pendant prism glass for refracting light downward and back into deep basements. It is $2\frac{3}{4}$ inches square, $1\frac{1}{2}$ inches deep and has a pendant $2\frac{1}{2}$ inches long and $2\frac{1}{2}$ inches wide.

No. 7-A is identical, except that the pendant is $\frac{1}{4}$ -inch less in width and $\frac{1}{4}$ -pound less in weight.

Berger's No. 8 is the standard, three-point prism glass for refracting the light downward and back into shallow basements. Scientifically designed on the multi-prism principle with a series of three prisms set at different angles so as to give the best results.



No. 8, Square, Three-Point Prism Glass



No. 9, Plain Square Glass

Berger's No. 9 is the standard plain, square glass for floor, roof and skylight construction. It is $5\frac{1}{2}$ inches square and $1\frac{1}{2}$ inches deep and is designed especially for the purpose mentioned, where the loads are not so heavy and the light area must be of the greatest percentage possible.



Metal Lumber

Patented and Patents Pending.

BERGER'S METAL LUMBER consists of special shapes of Nos. 14 to 18 gauge steel, designed to secure maximum strength from the amount of steel employed in cross section. It is designed to take the place of wood structural members in buildings embodying various types of wall construction and finish, such as

STUCCO OR MISSION FINISH

BRICK

REINFORCED CONCRETE

STONE

CONCRETE BLOCK

BRICK VENEERED

The respective members used in various parts of the construction are:

I-JOISTS

CROWNING MEMBER

CHANNEL JOISTS

CHANNEL TRACK

CHANNEL STUDS

WALL RIBBON

ANGLE STUDS

FERRO-LITHIC PLATE

METAL BRIDGING

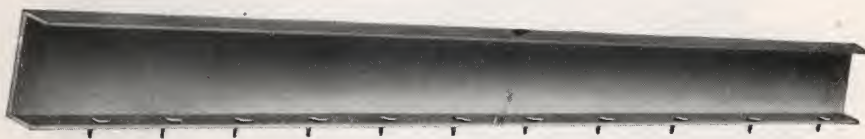
EXPANDED METAL LATH

The material is punched with prongs on the flanges wherever required for securing Expanded Metal Lath to it. The blow of a hammer bends the prong up over the lath and clinches it securely. No wiring of lath is required. A single man unaided can hang the lath in position on the prongs and securely fasten them. Thus is effectively secured the necessary ground for plastering or concreting; the work is greatly facilitated and cost of construction materially reduced.

In METAL LUMBER wall and partition construction the Metal Lath adds to the strength, as it is held in such a manner that it acts as a bracing member even before the plaster or concrete is applied. In METAL LUMBER floor construction the I-joists are braced by metal bridging to give additional rigidity and strength.

*Metal Lumber*

I-Joist



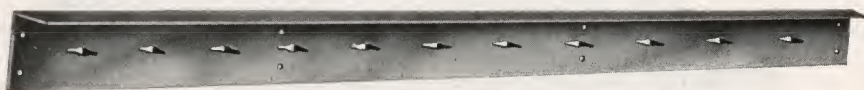
Channel Joist



I-Stud



4-inch Channel Stud



Wall Ribbon



Crowning Member and Track

Metal Lumber Shapes

BERGER'S METAL LUMBER has been developed to meet the demand for a building material which would adapt modern fire-proofing methods to the smaller and lighter class of structures; displacing wood as a structural member; yet keeping cost within the limits permissible for buildings of the class named; easily and speedily handled and erected; and of such a character as to readily lend itself to use in the various types of wall construction and exterior finish demanded by local conditions or to suit taste of the purchaser.

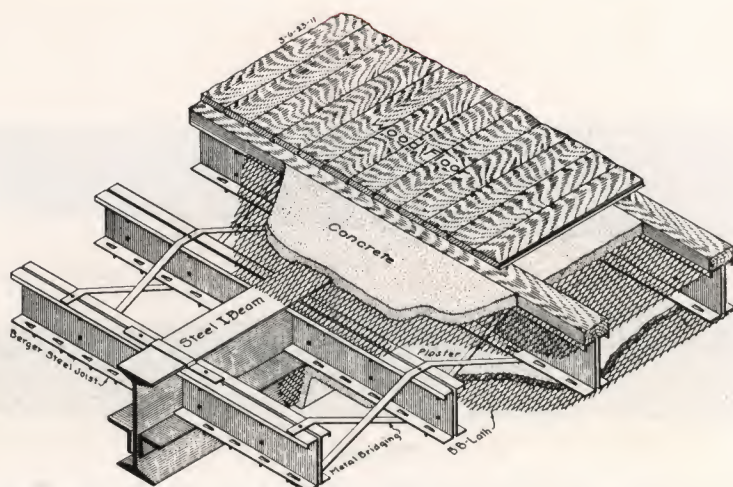


Fig. S-102-15

The above is standard system of Metal Lumber floor construction. The rolled I-Beam is only employed where the spans exceed 20 ft. The floor complete weighs 30 lbs. per square foot, less than one-half any other fire proof floor with same strength.

The cut below illustrates the practical application of this construction in Mercy Hospital, Canton, O.



Construction View of Mercy Hospital, Canton, Ohio. Brick Exterior.

METAL LUMBER Floors, Partitions and Roofs

W. P. Ginther, Architect

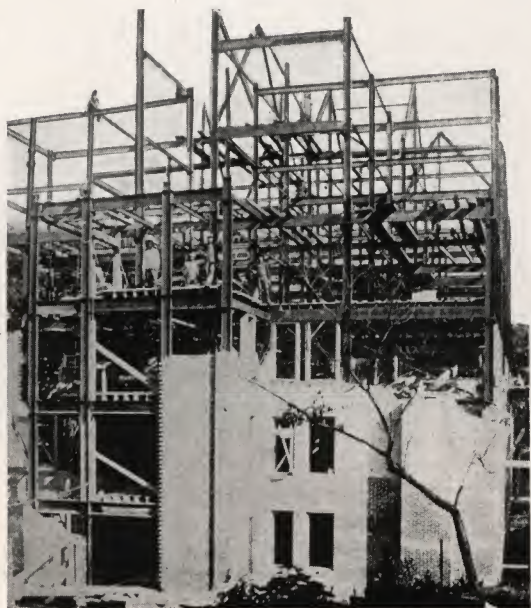
H. T. Williams & Son, Contractors,



Berger's Metal Lumber



St. Vincent's Hospital, Birmingham, Alabama
METAL LUMBER Interior Construction
Harry Wheelock, Architect



Partially Completed Leavenworth Apartment Building, Syracuse, N. Y.
METAL LUMBER Interior Construction
C. E. Colton, Architect



Berger's Sectional Steel Bins and Shelving



Installation of Berger's Sectional Steel Shelving in a hardware store. Berger's Sectional Steel Shelving is equally desirable for any line of mercantile business.

Berger's Sectional Steel Shelving is indestructable and therefore is a permanent investment. It is easily assembled—can be removed and re-assembled without depreciation. Our Bin and Shelving Catalogue furnished on request.

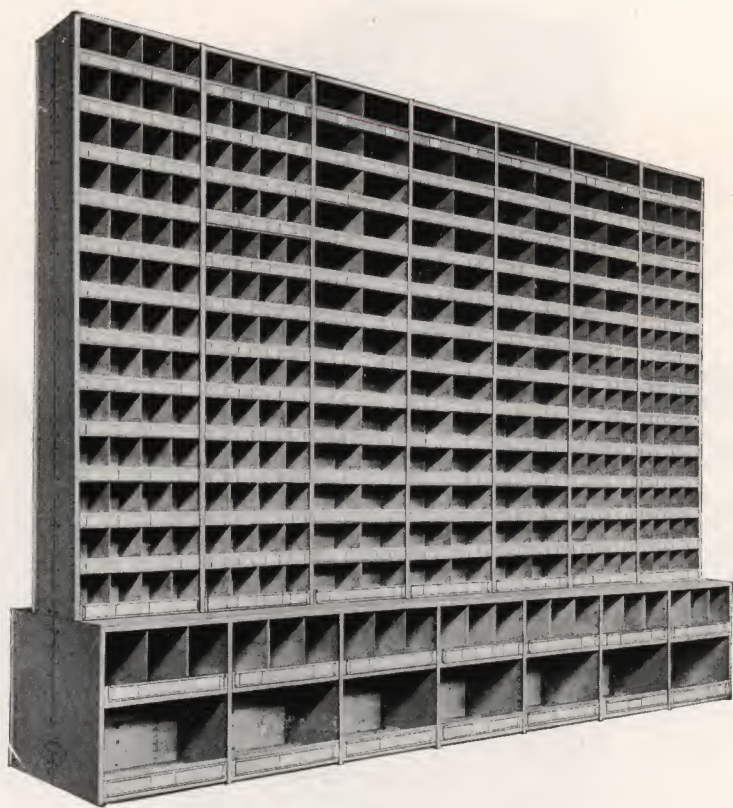


Double Face Assembly, with the End Upright Removed
and Various Parts Marked

- | | |
|----------------------|------------------------|
| U—Upright | T—Bottom Shelf |
| B—Back | F—Bin Fronts |
| S—Intermediate Shelf | C—Compartment Dividers |
| | H—Card Holders |

Berger's Sectional Steel Bins and Shelving are the logical solution to the storage problems of factories, stock rooms, yard bins, et cetera, because—

Their capacity is greater than wooden shelves and bins; they wear longer; they will not burn; they are rodent-proof; they facilitate quicker handling of material and they can be taken apart, moved and reassembled, as desired.



Ledge Type Bin Assembly. Especially Adapted
for Storage of Small Parts

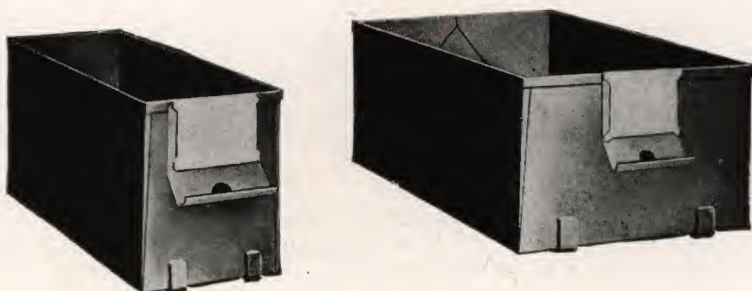
STANDARD SIZES

Depths of Units	Widths of Units	Heights of Units
6 $\frac{3}{4}$	20	32
8 $\frac{3}{4}$	22	48
11 $\frac{3}{4}$	24	60
14 $\frac{3}{4}$	26	96
20 $\frac{1}{2}$	28	120
22 $\frac{1}{2}$	30	
24 $\frac{1}{2}$	34	
26 $\frac{1}{2}$		
32 $\frac{1}{2}$		

A Unit is the space between uprights.

Special sizes can be furnished.

Send sketch and measurements showing your requirements.



Tote Boxes

Tote Boxes are popular for the handling and storing of material, because they are light in weight yet strong and durable. Tote Boxes are an essential for a complete equipment either in the factory or store room. Sheet Steel Tote Boxes are a logical substitute for wooden boxes. They are also very often used in connection with plain Steel shelving for the handling and storing of small parts.

Standard Sizes

20 Gauge	18 Gauge
$4\frac{1}{2}" \times 13" \times 20\frac{1}{2}"$	$4\frac{1}{2}" \times 13" \times 20\frac{1}{2}"$
$4\frac{1}{2}" \times 13" \times 18"$	$4\frac{1}{2}" \times 13" \times 18"$
$4\frac{1}{2}" \times 11" \times 18"$	$4\frac{1}{2}" \times 11" \times 18"$
$4\frac{1}{2}" \times 9\frac{1}{4}" \times 18"$	$4\frac{1}{2}" \times 9\frac{1}{4}" \times 18"$
$4\frac{1}{2}" \times 11" \times 14\frac{3}{4}"$	$4\frac{1}{2}" \times 11" \times 14\frac{3}{4}"$
$4\frac{1}{2}" \times 9\frac{1}{4}" \times 14\frac{3}{4}"$	$4\frac{1}{2}" \times 9\frac{1}{4}" \times 14\frac{3}{4}"$

Made in gauges Nos. 12 to 24; painted or unpainted.

Catalogue

Complete catalogue of Berger's Sectional Steel Bins and Shelving will be sent on request.



Berger's Steel Office and Vault Equipment

"The Armor Plate of Modern Business"

Berger's Steel Filing Devices Afford Every Convenience of wooden equipment for modern methods of filing and in addition give increased protection, saving of space required and increased strength and durability.

They not only furnish no food for flames but become actually a fire-retardant and a protection to the contents.

They are Vermin and rodent proof.

They are Not affected by atmospheric changes.

They don't shrink, swell, stick or come apart.

We invite attention to our large variety of Steel filing cases.



Index Case No. 69

Steel Card Index Cases

Carried in 3 standard sizes for 5 x 3, 6 x 4 and 8 x 5 inch cards 14 inches deep.

Capacity..... 750 heavy.

Capacity..... 1,000 medium.

Capacity..... 1,300 light cards per drawer.



No. 69 Showing Suspension Slide

Stock No. 69.....	1 Drawer
Stock No. 70.....	2 Drawer
Stock No. 71.....	3 Drawer
Stock No. 72.....	4 Drawer
Stock No. 73.....	6 Drawer
Stock No. 74.....	9 Drawer
Stock No. 75.....	12 Drawer

No. 69 to 75 can be furnished with individual locks, but No. 74 and 75 may be provided with a general locking device locking all drawers with one operation.



Index Case No. 70



Index Case No. 72



Steel Vertical Units

In this popular style of filing cases we carry the largest and most complete line of different combinations on the market, thus providing for the filing of forms and papers of all kinds.

For the filing of correspondence, the vertical system has proven the most successful method.

It economizes space,
It allows immediate reference,
It guards against errors,
and

Transferring is rendered simple and easy.

Our vertical file units not only grow with your business,

They not only possess all the advantages that wooden vertical filing cases possess over the old time flat letter file but—

They add a hundred-fold in convenience by the way they operate.

They protect against vermin.

They are fire-retardant.

They are not affected by atmospheric changes.

They last a generation.

Stock Cases

Both Letter and Cap Size

Number	Drawers	Approx. Capacity
54	4	20,000 Letters
55	8	40,000 Letters
56	12	60,000 Letters

Ask for catalog of our full line.

Stock finish "Olive Green," but we can furnish any color desired, including Grained wood finish.



No. 54



General Telegraphic Code

Questions and Commands

When can you ship?.....	Acanthus.
When will you ship?.....	Acaridan.
Have you in stock?.....	Acarus.
Can you ship promptly?.....	Accede.
Have you shipped order?.....	Accendo.
Ship at once by freight.....	Accent.
Ship at once by express.....	Accented.
Write lowest price at which you will sell.....	Access.
Wire lowest price at which you will sell.....	Abide.
Wanted at once, wire when you will ship.....	Accident.
May we substitute?.....	Attainable.
Ship quick and follow with tracer.....	Abuse.
Withdraw present prices on.....	Accost.

Answers

We can ship	Acclaim.
We will ship	Acclimate.
We have shipped	Accommodate.
We will accept order	Accordance.
We have none in stock.....	According.
We have written particulars.....	Accordion.
We have all in stock except	Attainder.
You may substitute	Attainment.
Order unavoidably delayed, expect to ship about.....	Atrophy.
We have in stock.....	Attach.



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